

Presented to Dr # & Gerdman.

by the author Dr Better

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O wile not apologiso, Gentlemen, for introducing, at some length, to your notice, and lewer mending to your very lerious thedy, the topic which wile occupy our attention during many of the lectures constituting part of the course I thate have the honor Deliver to you. I am aware that they may appear dry and tediors, and wanting in the excitement and interest attending a dibject more capable of demonstration, for they much nearbacity be exterely didec tie, and addressed to your understanding and reflection alone. I Jut, when you remember Gentlemen, that the phenomena and results of hitlammation, are of parcin out infor Janu in the Science of Surgery: that withat it you would fail in the boldech and most butteait operation you could perform, and that the most intignificants and Simple, even Venezection itself, would prove fatal, without the aid of its latutary process, you will for give my dwelling on it, and who topich of its tediousness, in the importance of itseffects.

It may be not ininteresting to

the de the say and the said the said the Much Shore to do the car your later with the in But of any on the second the second a pack of the second had been the historial power of the second will be the developed and and the same of the same this helpt a wine a consequent of Marke transmitted and some that and a senter francism into Attended from the secretary will be the second of the second seco

cash a fluipere, over what may be called the comparation history of hift, as such an examination with exhibit much clearly the influence of the gaughionice howous tys term in the production of the phenomena of this morbid action.

There is no leason for believing that a process of the Same nature as haft, exists under any circumstances in the regetable Mingdow. When plants are injured, or have a part of their betrance destroyed, there is no new process of reparation fet up, but the Nacancy is filled by the regular and natural growth of the regetable body. Thus When the wood of a tree is laid bare, by and accidental injury, it is covered in by the annual deposit of the Cambium or organi Ting helst ance, which is thed at the same fine, and in the Same manner, from the unior layer of the back, as on every other part of the tree. The formation of gales and other excrescences on the leaves of plants, pro down by the punctions for the wisertwin of the over of wisects, bears some resemblance to the effects of haft in annials; it is, however, only an enverant growth. Annials that have no visible

fuller of the builting and the large of the second Amunifican die min manifest of the second of an interest of the continue of of white the Mise was you has a second del gray aliment in the whole in want to to allow , who is the second with the second second dissilerate the in which the second the or of places with the second of the the distance of the same of the the beach, flow ha. The etter " the sound of the state of the s property the state of an all the state of the traper this paragraphic than the visited have the laid and and a second of the sound

hower, and there in which the hervous bystem is very suiple, es libet none of the Ishenomena of hell. he polypi and other genniporous annials, inciser and division wistead of acting as an sinjury, Constitute one of the means for multiplying the species, in the Same morner as the slips and cuttings of plants serve for propagation. The gray and pieur polyps have been thinked together, it is daid by Blumenbich, to as to constitute one annial. This operation is finisher to the incorporation of different this of plants by the proces of enjoything. When worms are cut wito two porting, the divided hufaces attume the disposition to heal, from the moment the enjury is inflice Aed. The edges of the wound approximate lack other, and lemain in close entack until they are perfectly heated, after which they recede to restore the tubular form of the animal. The healing is a very trief process. In this class of uninials we observe Some very remarkable wis tances of repare twie power, Many may be directed into Leveral pieces, lach Lection forming a hen midwidual. Duger divided one of the planarise loggitudically, this' the head

Association of the second of the second your war land the second with Reserve Lachon to the second of the second of harfact in this said to the said the said to the said me of the die and for the state of the abe disreptible in a le will in the second Observated the sine begin land to that lite day will be a second and a second is a the three the second of the second plint a war a series of the series The county for the stranger of the second Working Till it to the second of the second double of the second second second second second bother the there is a second of the second Les promotions that I have the second with the With the same live to the star the start these

and auterin part of the body, and each division developed a perfect head. If the commence latheround be directed with two harts, each, it is asserted, with become a freshed wide idual.

The does not appear that wisech are hisceptible of high after injuries. It is not known in what Manner the poison generated by artain theais of wisets, affects others of the Vame class; but it is quite certain that it does not cause Taft: as in quadrupers and the human bubject. When the speder in flicts a wound on a fly, it is usually wiston tancounty fatal: but when a sufficient year hits of the poison is not visented with the wound, it Stupieties the wisech, hur during the effect of a vegetable norchi poison. In this class of annuals we meet with down curing examples of the reproduction of parts of the body. Thus, if a crab or lobiter have one of its but ton of, the broke huface theoily heels withink any appearance of hope. after which a seen luit is usually been to throat out, com Onewhif as a bad or form, and proceeding to grow, with it acquires the thepe, mag notude and Structure of the original member.

lade what you the women in the last the last hay their read who we a terms are the the the gaves applicable of mile of any and Will cree while and in the party De la capable se from the contract of the the state of the color was a second of the second of the hady the million of the state of the second gozaligo de Esta de Esta de la como de moderaffer of about the section of the contract And decision of the first the second will della Commercial and a second of the second of the second

Hericken Hates that, the Arachmida, When young, can refunduce their legs, but late that power when folis developed. The age of wiseth belows to have great wiflience over their reproductive pover. When the anteurs are Neword in the lawse, they grow again, but whim the perfect wisect. The class mollusea does not been to be capable of generic heft. he some of Ohn testateous mollusca as the oyster and muscle, we find that some parts of the body may die and putrify, yet Umain in connegion with the rest, and apparently not affect it. The presence of an extremeous body with produce an esuberant growth of the thell. The production of pearls is usually the effect of the presence of a small worm which his behind the membrane that ling and Secretes the Thele, and probably deposits its ova there. I hearly formation may also be widered by a would of the membrane of the thell , and by placing a piece of wire in the hole. In that the presence of any extraneous matter, causes a greater flow of the fine of which the thele is composed, and thus the growth of bealf is precisely Limiter to the excrescence of plants, Cause

artell the long, when the their firms of the little topin state to the most fill the tracket the first heter her continue in when the second of th at the house the second of the second of to the water was the strainer of the strainer of Addition there was the said to the said to the said to the here I have to the same and the same stand

by the fall viset. The reproductive power of some mollisce is may considerable, the head of the Smail may be cut of, and provided the faughin which hier above the aesophages, and which is analogous to the brain, has not been injured, the loss is departed by a new growth. It is said, that this experiment with not receid in a cold temperature.

In neither of the two claves of vertebrate aminal, with coto blood, lays a modern author, do I believe it possible to produce the generic effects of buflace. he conducting tome experiments on the ho in ming bladder of fisher, I was hupriso to find that the wounds made with the belly of the annuals did not inflame. locas therefore curins to there what injuries fisher wont been without producing heflan. Maring taken some hing fishes from the water, I into duced precis of wire be heath the stime and amongst the musely of the body: the fisher were then returned to the water, and on is amining them sevent days afterward, I found that no supperation has taken place. The tracks of the wome were pale and smooth, and only moistened

the property of the second sec telleri betall the terminal and the second with a serous fluid, presenting home of the usual appearances of highest very common occurrence in fisher, is the wis force of worms, which herforate the times of the almentary canal, without producing any change of structure, exapting an in creases vascularity eromes the perforations. The productive power of fisher is confined to their fins which are sometimes regenera to after being both by accident, or by a spe cies of death, which is quite different from that which is the consequence of laft in the higher class of annicles.

in reftiles after women or injuries. Surpents offen lote a portion of their tail: and althout there is me attempt made for its reproduce him, it is very speedly cicationed without Ruft. Some lisans one able to reproduce hat that are took, this met to perfectly as in the lower orders of unimals. The Sala mander has more power of reproduction than any other of the class, being capable a coording to some physicle pists of requirementing the tail, the lines, and the lower faw. I have seen wiferfect attempts at the reproduction of the fingers and toes in the load

and the second of the second s the said from the said of the transition and the second s has deline to the desired the second The state of the s he transfer to the second of the second

there is great tenacily of life, and hower of apairing the effects of injuries, the' not alway the ability of regenerating links.

he the class of birds we first disco her the existence of genemic hell. as the consequence of meternal mechanical injury: but the wistonces in which internal disorders become a cause of hell, are very limited, and are nearly confined to febrile that and particular opidemics.

Ducklinger's are hoped to Orfl. both from external ciguies as internal disorders; they usually, however, thou but little constitutional hypothy with local affection. A horse or a dog with continue to late, this' before from a disease or an a couldn't that may have fatal.

The home an being, above alcothers, in dispose to Puff, boundanies in course.

Juence of the Hipstert external irritation, and of various internal disorders.

The herons system of the human subject is to complicate, that there is hardly a local affection with which the constitutional does not hyperpathire, soon dry constitutional disturbance which suay soot become the care

of the state of the said the s now the second s and any in the second s of an ingression of the second second that the end is in a second of the The state of the s Alderton market he had been the second of th dies been the of the said and the said the said and the second s

of local disease. The same susceptibility. however, communicates a power to the meany we employ for preventing or abating buffam. action, which does not belong to unicals of an inferior of animation; and when by those means we are enabled to remove the Leuse of civing bustaine, or produce a State of densibility inconsistent with Suff. the reparative percesses go or in Much the Jame manner as in annials en downed with an inferior deque of feeling. Inflammation (calle also thelegmon, Theogosis, Inflaumatiof may be defined; a penuted endition of the blood, and bloodversels of a part, interrepting its healthy function, and changing its non mal theretwee, ordinaily attended with pain, ledners, heat and hvelling, and in cluding here or less distrubance of the gene Ral system.

The term wift. has been objected to by some writers on Surgery, amongst other, by Mer Miller, who wond section its application to what is essentially motion, in contradistinction to det Alunter, who dwilled it with healthy and unhealthy: the former commisting probably of only one Mind

The least dearness that when I have the total the service of the s Hope and to an advantage and house the the same a march for how and he was to be in the Co. and the same of th in the state of the state of the state of the the decidence to less to the stages of the season the to them were the second of the second have been and the said the sai there a commence of product of an in the same

show being divisible but with the distribute though attend a healthy constitution or part, is nather to be considered as a certorative active than a disease one, and would appear to be lather than the effect of a stimulus thou an irribation. The unhealthy admits of rach variety, and is that wheat always attends an unhealthy constitution or part, but from an cipally according to the lowstitution.

Andral in his Precis & anctomic Pathologique" bags " When the viceon to normal excitability or irritation is ac confamily by redners, pain and helling, it has been called buflammation. breated in the wipancy of science, this purely heter phorical efuenion, was intended & refre hent a morbin state, in which the parts seemed & bur, to inflame, as if reliete & the action of fire. The ceives with common parlance without any precise idea ever having been attached to it, under the triple relations of the symptoms which amount ait. the lesions which characterize it, and its although neture; the repression haft. has be one vajue, its interpretation or actitory that it has really become valueless. It resembly

and the first the will be the first the second deligned for the the the think and the charge of the section de la company de la co probably of the standard the some aring to the same the same to with a serie of the series states of order to the territory and a second an old pièce of money, from which the inferencia has been obliterated, and which the with trawn from circulation, as it pies rice only to error and confusion. Infl. can me longer be considered but as the es pression of a complex phenomenon. Compri bing several other phenomena, of which the dependence is neither accessary nor constant. I shale therefore designate under the form hyperoenia, the increase of the quantity of blood, or in other words, its conjustion, without regard to the course from which it may arise.

All organs of the body may become wifl rescept the caticle, hair, and mails. This disposition to be come wifl defends on the sunter of newes and cepthanis in a part. The actual seat of help is always the capitlary vasualor hystem, and the gangboinic newors hystem accompanying the sunt believe tranche, of the versels, and which specially presides over vegetation in the organism. In flam. Jays Munter, when the constitution is strong who be commonly the most manageable, for strength lessess in what he most manageable who the

I is itely the sequence of the thirty were flere A SHEET ALSO SEE THE SECOND SE and the second of the second o topical destruction and the second second second second second hower an action are heetty well how portioned: but as every part of the body has not equal strugth, then proportions Carnot be the Same in every hart of the same constitution. According to this idea of theught, the following parts, vis musdes, cellular men brane and Skin, and more to in perpetion as they are nearer the centre of circulation, with be more mangeable in hift and its Consequences, because they are thouser in their powers of action than the other parts of the body. The other parts as bone kendon liquent etc, fall wito an hift which it is less in the power of art to manage, because the the constitution is poor, yet they have less power within themselves, and therefore are attended with a feeling of their own weakness: of in vital parts the Suff, with be less manageable, for the' the parts theuselves may have fretty Thong powers, get the constitution and netwal operations of universal health be come to much affected that no Salutu ry effect can so readily to the place.

Some of the theories which have been vivented respecting the province cause or essential

therefore a to the second than a december of there were not an extended the second of the second his after the the section of a party of person of the there we will have

Makine of Suff. Of the older writers some attributes it to a leutor or viscidet, of the blood. _ others to an error to ci, that is an obstruction of the capitaries by the entrana of plobales too large to pass this them. bullen supposed that it consistes in a speaker of the weterne vessels. Thuter as critics it to an increased action. Melson Thilip and Hartings to a debility - Hendi to a paralysis - and de" J. M. Eache to an obstruction of the capitaries

he attending to there theories it was of course table for granted that the Capitlaines are the essential Lect of heft. and that it is to some action or condition of them that the phenomena of hift, are due: but I Macarthey has shown dearly that it conto not be the blood versely which were the parts originally affected, and has perfores a theory, which if I may be allowed an opinion, appears to be more hearly correct than any of the preceding, that a lease of cujury fell by the organic newes is the hunchun Values or Harting pout of buff: a theory valuable likewise in itspractical results, hira it is very cutain that hell after an injury may be mitigated

Can full assessment and the second track of the second second second second second second second second second Maria de Maria de la Company d Kalle a litera with the literal

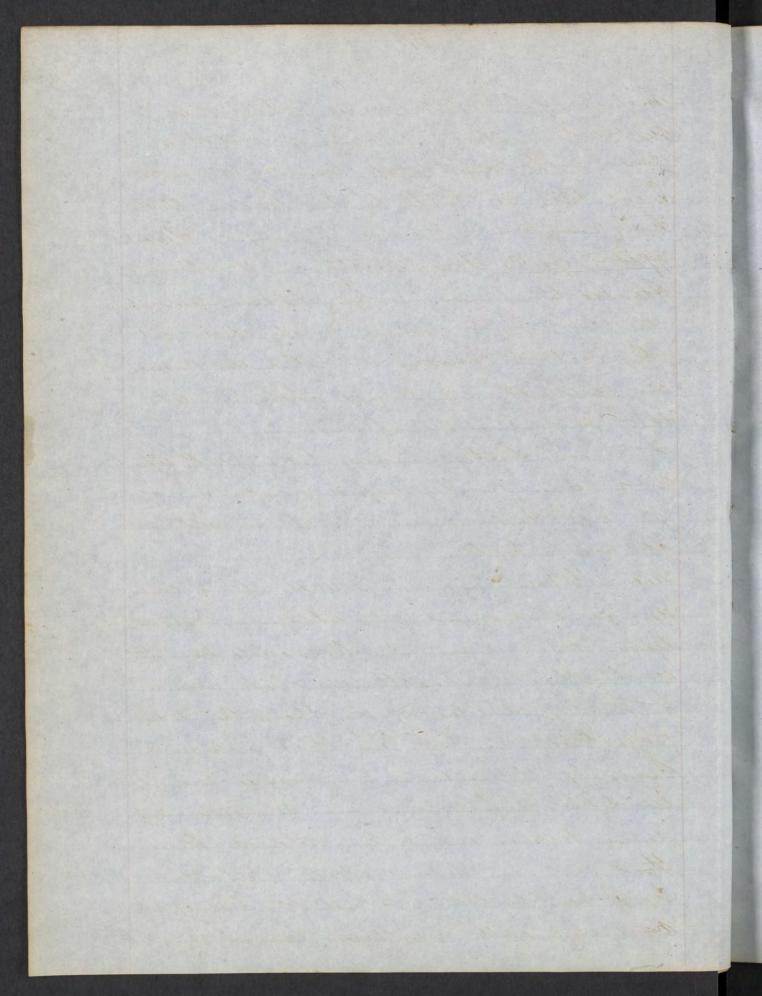
or prevented by measures calculated to boothe and alley ale Sure of irribation. The neat the parison at was the conviction, as thated by che Travers, that help, was not a disorder in any one element of the bistues alone: neither in the blood, bloodversels, newer or hypophetics, morget that it was a change purely chemical

their properties briedly ameondy. So Leebig's theory, that in help there is an enmaturally Rapid opydation of the help tristees, is no doubt him, allto' not the whole truth.

physical, or newous: but that the tistues

are inolved as a living whole, and ale

Now, Jays de Duitt, of we comi der for a moment, the relation which the living tissues and the blood vessely have to each other in health, we shale acquire a more pish idea of the share they take respectively in Tuff. The blood vessely one but carriers, the acteries bring oppin to excite the deferent functions and to dissolve and destroy tissues which have played their hand, and are become effects; they also bring her moderial, which the fishers at hact out of the Capellosies, and employ by



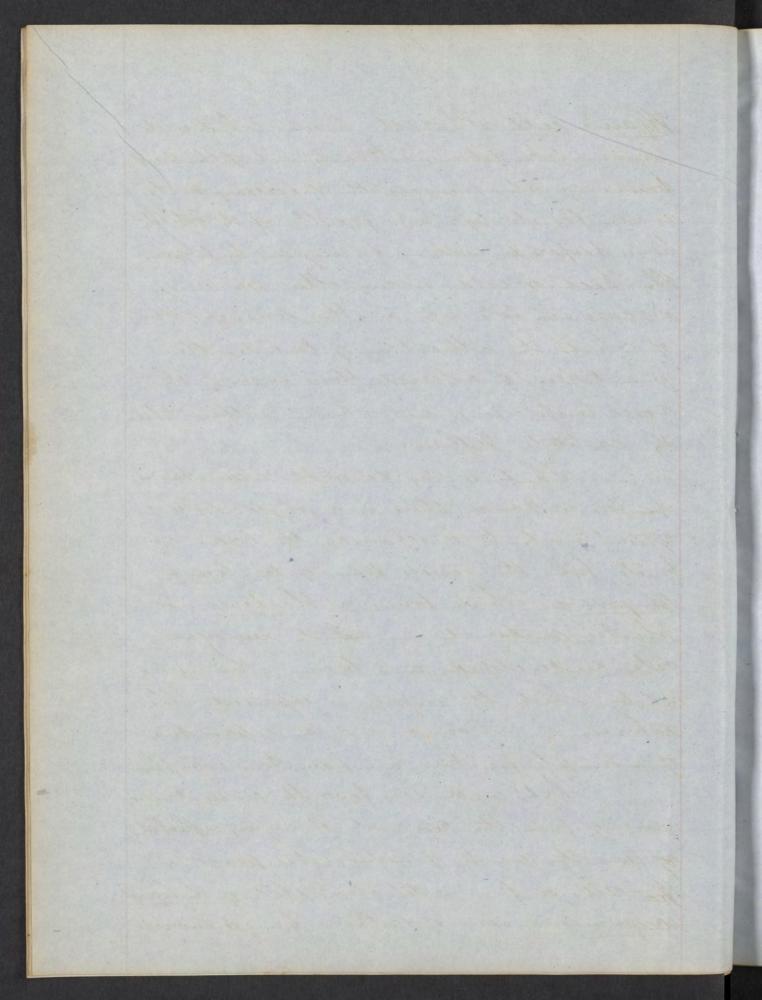
means of their vital forces, for their cure reperation and increese: and the veins carry away effects and suspenfluors mothers. But they are such as it has been the custom to there them, the agents of organization, the builders of histories; for in the foeters much of the organization is accomplished before bloodressely one formed at all: and there are many tistues in the adult, such as the comes, which have me versely, but nowish the wesels in their viewity:

Wherever in health, the vital forces are much active, there much blood is conveyed. When the word or hearts enlarge in pregrea cy, their versely become infinitely more vole minous: but the enlargement of the wood is not the consequence of the dilatation of the blood weldels, but the cause of it: more blood is demanded there, more blood is brought, and the acteries enlaye in obe trained to the wants of the part they hippy. If we apply them views to eneplain the essential wature of help, we that he compelled to as with that its seal in not men versel or nerve, but the hinging tissue, the

· A Little Committee of the American Committ

organic cell. That the tistue which with might bouries condition, altracts out of the height bouries bloodversely, the necessary made rials for its-life and prouth, if its-vitality be interfered with - by cirping, by horson, by heat or cold, or any other source of disease - bets up another series of actions of which the altrection of considerable quantities of arterial blood is one of the most conspicuous, and which in their total ity constitute beflam.

That, under favorable circumstances, of for einstance there is a physical breach of but incided to be upaired, the tisture at bracks from the versels form of the liquer dauguinis, which forms a blasteine, or plastic material in which new organic celes are developed, and become a bring his her by which the infines is repaired. The ather in of a bround, and the reparetin of a bringle fracture are familiar estimateurs, arising from the aniount of inquiry inflicted, or from the want of proper vital power in the cell, or from a defective state of the liquer languinis, a deries of further changes ensues.



The playma attracted from the bloodressels, begets within itself a thind of cele, wince hebte of further life and development-which is well therown as the pus-confusele.

That, under the more unfavorable air after a violant struggle, perish and mortify.

That, under certain unhealthy con that, ander certain unhealthy con ditions, the liquer sangunis, whether that applied for the common purposes of mutic trin, or that applied in prester quantity this, or that applied in prester quantity this a slight degree of life, begets its various morbid celes, such as there of cancer believed.

We are thus compelled to take from the capitlains the office that has been to long astiqued to them, as the factors of hell. But get the preah affling of arterial blood is a most important instrument in the charges which happen produces, and the presention of it is one of the most efficient means for controlling those charges. And there is little doubt but that the lay thate of the blood vellets in a chronically happed heart is offen one great obstacle to a perfect recovery.

The planes alter of so par it showed delen the legan days and the that the second of the second of the second

We are further compelled to day the various theories which take a distended Mate of the capillacies as their basis, and account for the variors effects of hell as so many mechanical consequences of the distention. Thus it has been common to lays that derum exudes from the bloodversels in the first stage, when but slightly distended; that, under the influences of greater distanting the liquor langumis is forces out; that if the hell. Itile progress, blood with be estravasto. Tak, granting that when the versely are much distended, berum with epube from them, and that if they are further distended, they may be suptured and price with to blood, yet this theory is quite wisefficient to account for the effusion of leguer Muguinis or of lymph. In buff, of derous mentranes for wistance, the bloodversels are ale on one ande of the membrane, and yet the Lerum and lymph are on the other. If the lymph were merely effused mechanically from dritended capallaries, it organ to be found when the capellaries are in the Sub-lecouscellular tistue; its being found where it is, can be accounted for only on the theory

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that the is altracted out of the capitlaires by the cells on the free perfect of the lerous membrane.

From health to line laft, is not one step, at once attained, but a transition fradually effected, but home occapied varying a conding to circumstances, he down cases a very few hours buffic; in others days thate have clapsed, and yet the process be in complete. This transition may be con vericenty divided into three theyer, viz I. Simple Vascular Excitement.

II. Active Confection

III. Frue hiplanemation.

In the a state a common burgical example; the application of some a enix buttance to the Shin. Seach component testure of the part may be affected, as some as trought

in contact with the irritant, yet it is and impossible that one there may be windred troner and more Leriously than the other. The one is the nervous, and hence in mediate pain, by its effect or its Sensory portion . An impression is then comings from the heart to the newous Centre: there fol lows, by reflere actions a stringles to the Vascular tissue of the part, already Norses by the direct action of the irritant, and that Stimules is in due time obeyer: as if both hack and system resented the wijury and has resolved to reish or repair the evil, by a functional effort, the greater Those in which fales to be borne by the blood Nellels.

Met the initiatory effect or the herrer of the hast is double: first, or the Densory newes: Decondants on those of motion, pro Unening excitement of the former, defression of the latter. That the exciting cause, acts primarily, on the densitive newer, escapting their activity. The motor newes of the Nessels, which have sympathetical relations with the excited densitive newes are Leardanily affected. But this affection of the motor news

a standard will the market to the Market Street St Brief Control of the Control of the

of the Newels, which repersence by reflex action on the excitement of the Sensitive heres, is not a corresponding that of ex circument, but an opposite one of depression, of suspension of action, of paralytis. The frie which lapses between the application of the exciting cause, and the establishment of the Nasular action thereby in Aneed, is termed the perio of Bicabation: varying as to its devation, in love cases very brief, in others hotracted. ale ap valuable in regard to heatment. The action commences with deter mination of blood to the hat, an unusual amont of that flind ceaches it, and is fent this it with auguented velocity; Al fish the capillaries and much arteries are of drin wished Calibre; a charge resulting from the whereast Contraction of their wales, or from a contraction of the paren Chepure, or most probably from both causes. But door this spasse or vice are of tone in their couls harses off, they gradually yield before the increased and increasing flow, while yet the dapidity of this is by Ono me ans driverished. After a think time the spasse has not only disappeared

and the wonted capacity regarine, but ditatation beyond the hormal standard is begun. Capillacies which merinisty con tained but trigle files of the Med conpusely, now admit of them colling the in masses; consequently, versely, formuly unisible, are now her planily; and the accelerated motion of the general current is yet un abated. In Ruch a State of things, it her afford no surprise to frid a tenderey to unusual transcribation; in other words, along with an increased circulation, Comes an vicreese of the ordinary function of the circulation. The Hood fronts with a portion of its contents more leterally than in quich health. The transulation may at first be chiefly derow; but it med action be sustained for me time, the liquor languinis is found in the intesti tral Spaces. The natural from Acin of the part is exacted: of this be decretion, the Secretes fluid is increased in grantity, yet with its normal characters ocarcely, if at all changes. Nutrition is exalted, and the fibre- cellular tistue is fuller than before, giving thight wirease of hills. Thus is constituted the first stage, Simple

and the first war and the second of the second of the second

Vascular Excitement, swh in consistent with health, but Nathen its mere esable from, synonymous with the Vital Jusges Cence of tome physiologists. The part con tains are increased amount of blood: its circulation is unusually active: and there is a marker tendency to increase expeda trine, partly of a Lerons, and partly of a herois, and partly of a herois.

The exciting course being removed, the action may toon to tride, and the park regain quiescence: or the exciting carse te maning, the action is dustained without proceeding to a higher grade, and a Salutary result is probably secured thereby. For wistance, it is by the continuance of Much wintle action, that the conjunction resents the presence of a grain of Sand, and offen hic card in washing it away by the increased effusion. Tout the exceting cause remaining, or being devere, in its nature, tho' of brief application, there is meither abatement nor hughe maintenance of the action, but advance, and this brings us to the he coud Stafe, in which,

The Vasular commotion retends on the cauriac note of the affected tract,

the arterial trends feeding it, have har taken in the excitement, have begun to enlarge, and are presenting with enwouted every, More and more blood is Sent down to the part, and the capellaries and minute arteries begin to give way beneath their burden; they were, hitherto, bufly dilated, retaining their tone and controlling the cir Culation of their contents: but now enlarge much is about to be merged in overdistentin the vascular wats gradually parting with their tone. And partly from this cause, hartly or account of change in the blood thelf. which been more viseid, with its corpusales less distinct, and when is amined by the microscope is found especially to pollers an increased number of aborters lymph glo bules unusually and her ine to each other, and to the wales of the versels, and to manfeely operating obbuictively - and partly also, it is probable, from an increase of vital attrac tion between the blood and hurrounding parenchyma - the circulation loses its ac quired lapidity, and becomes slower even than in health. The red corpusales are no longer limited to the central current, but are encroaching more and more on the lateral

The party and the text of war and Complete to the the test of the test to the test of

and clear lymph theces! Republicion is more Copions them in the preceding stage: it con Lists of derum and liquer Sanguinis, the latter usually pridominating: and when the action has been for some sine surtained, and, as it were established in the part, fetrui aloud may be definited. The fitting of the blood is increased, but only in quantity, but also in plasticity or tendency to become organic Led. The natural function of the back is not deriply realted, but begins to be powerted; for example, becretion is not only viceose, but changed in it character. By the fibring interstitial deposit the texture of the part is botheres and entarged. The formative power" as it is termed of the part is impaired or overborne; the heffly of plastic material is greater than can be usefully and hor Mealy applied by the implicated tissues. Nutrition, or the normal and vibul relation which tubists between the living tistues and mutrient materials contained in the blood, is be writing more and more disturbed: and this, herhaps constitutes the most unportant part of the inflam process, leading altimate by to change of thructure more or less her tranet, and more or less inemical to the

Sumption or continuous of normal function. Thus is constituted Active Congestion; the arterial trents in circuases play, the amount of blood in the part till further augmented: its Nessels beginning to be over. distended, and loding tone thereby; its cir culation becoming flow: its blood undergoing change, the fibrie especially being increased, both in quantity and plasticit; function and multition perverted. This action may resolve often the removal of its might exciting cause: or it may be husterned for some time, as in the healing of Mounds, and the closing of Allcers, or it may avrance & the third Stugo, in which is completed, the change which, in the preceding stage, had begun in the blood. The overdistentin of the Capitaries is established, the capitlary hover is for a true gone - perhaps in con Lequence of diminution or actual hispen how of the nervous influence, and the coals of the capitlaries and other versely are Ahrichene, where and inpaired in wheying being thenselves the hubyeits of Structural change. The languar of circulation approaches Haguation, and at home points this has ac trally occurred: livery hart of the distanded

The second of the second of the second of the second of

capillaries is occupied by eroudo, colorles and colored corpuscles: partly it may be, from increase attraction between the former and the surrounding parenchyma, partly by accumulation and adhesin of the latter to lack and to the capellary walls. The attered liquor dangemin is upulled in per fusion; the capitlainis also give way in their wats, and from the lesion blood is effused in mass. Suffuration is in progress by estra vascular degeneration of the fibring effusion, or else by a decretive elaboration of it ere yet it has left the Nessel. Marcale ing who, and disentegration of texture ensur, according to the extent of netravasation and suppuration; and the discutegrated tex fore is commingled with the effecion. The formative power has ceased, and the opposite condition, a tendency to disintegration from drinination of whality has become established. Disorder of function is contitute, decretion, for is ample, being in the first place arrested, and when restore, more with the them before. Whilsh in the circulation of the part trety wiflame, all is sluggishness and stague trong that of the parts around is unusually active. The arterial truths in the vicinity

continue to blay with increase energy:

more blood continues to be tent: but can

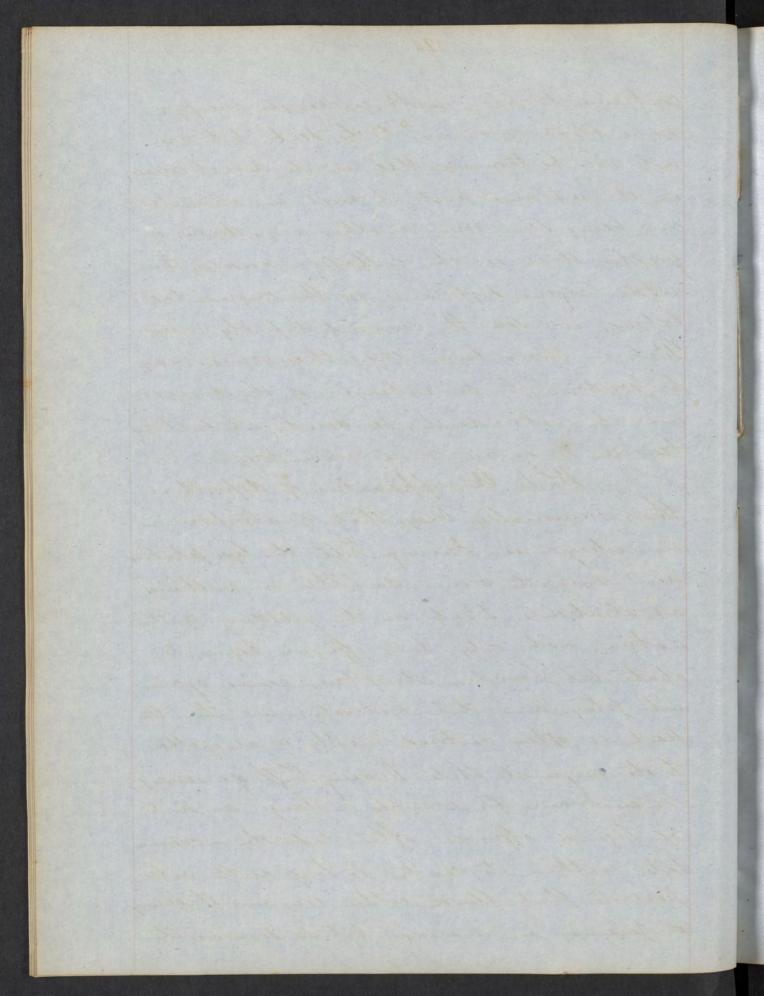
not now be transmitted in its direct course;
in the inflame hast it meets an obstruction,
and being sent round another ways throws a

greater stress on the collateral versely: there

retain vigour deficient for the augmented
labour, and sen the current rapidly round.

But, in their turn, they themselves may
be overborne by an entrusin of the disease
and the active route, rendered, at each ex-

thus incurredly busy, that of absorption is in abeyone. During hill. the lymphaticy and minute veins do little or nothing as absorbents. I but on the yelldwig of the action, not only does effection begin to about, but beride, absorption comes again with play, and that actively; and then, the part is often certain healy or altogether to its original that During hift of a serous membrane for example, a large an out of liquid effection often lapidly account later within its cavity: he long as the action persists, that fluid either remains that viny or leceives are increase, but to love as the



him is in propers, the effective planity driewishes, about pain passes; and in a few days, or perhaps in but a few hours, it may have wholy disappeared.

The wiflaw, change of the blood is infortant; ! the liquer danguis is increased in relative quantity and its de Un is Said to contain an unusual autut of albumen. II. The fibrie is viceaces in quantity both actually and relatively to the red corpuscles, the vital altraction between its confroment particles, tending to aggrega tion is also augmented. During Active Congetion, its planticity was vicrease, but Now it be comes more and more applantic. The proportion of Lerum is driverisher pubably in consequence of effusion. III The red Confunctes are relatively divinishes in home ber, and their tendency to appregation is augmented. IV. The colorles or lyugh globales" are greatly more humerous; but whether by their formation, or by more accumulation in the part, has not get been determined. They wieline not only to aggregate, but also to where & the sides of the verseli: they increasing, or according to Lowe, causingthe

Audency to Hapactin of the blood. This alteration of the blood begon in the se and, and completed in the third or time heflan. thego, is at first a local act, effected in the part inflamed: but this laboratory, if continued thus in operation, altrivately wir olves the whole circulating fluid in Smitor change. Such is Suffam. Proper. Tolor much altered, Stoppout or tending & Stoppation. The capitlacies over distended pas. hive hibes: their coats, thack, toft, and lacera ble. The neighbouring circulation collateral, unusually active. Esudation of legior Sanginis whole fibrin is becoming more and more applas tic: letravaration, by lescon, of blood. Nutrition and function wholly persetted. Shreture Changed, terture bottened and entayed Sup peration in proper, and part of the texture. breaking up. Nothing he althy, or consistent with local health, all essentially disease. This state is not at or a extestished, to soon as the period of inentation has passed away: but, as already thated, is approached by a process of transition more or less graducl. The previous stages may be either that or protrated, bet can, in no cete, be proved absent. When the process is somewhat burdy

resolution flat in dechinologies

its compound nature is more district. Take for elles tration the vaccine pustale: an heft. resulting from a prisoned evour, and gradually attaining to its consummation. The exciting cause is applied, and form fine Leens to be inoperative: three days commonly elapse without the appearance of vasular excitement, and this is the per nis of incubation; on the 4th day the paper lar condition is established: commencing with triple excitement, and theadily verying for and active congertion. During the four fol lowing days the vericle is former, the result of the increasing leave stage of action, the veride at first containing mere terum, but afternoon becoming of a more plutinous character by the esudation of the liquor Sunginies. On the 9th day the pustular for matin is attained, and not until then, has the establishment of True haft been comple tes, foon thereafter the vasculer action ordi wait, hibrides, and the part Howly recovers. It has often been disputed whether buff, is the result of an increase or dinim tim of vital strength in the part - an ex cetement or a debility: and both retremes have been tenacionsly held and aquel.

18 Such the sound of the sound of the sound According to the huceding account, the fact lies midway between the disputants; the act in being found to commence with excitement, and pubably an actual exalter time of the bat's vitality: this, however, her wing usually of Short duration, and kecceed. It by frowing bebility; and much ultimate prostration. In flam, established; vital bower is such very low, and which is worse, from this overthoon, the part, on a truly inflamed have altogether recovers, but were remains both more prome to action, and less able to cortrol it, a fact which it is of much importance that both patient, and prace titioner should be an in lementrance.

I have there. Gentlemen, endeavoured to give you a Steken, slight this it may be, of the most promise out theories that hence been are and sufferted concerning this much interesting and all important subjects. They have been, as you see, various, and of prite, and each, in As turn, her been through defended, and as sigorously of possed by fruit and food, and you may wide, with great season, feel enbarrance as & which you may deem worthy of your sufferts. This selection, I must have to your own

pidgment, after buly wiretigating the relative ments of them all: with this triple Rementh, that my own conviction victives me to the theory of the weather of heft. in the capitlanies, the faugliouce nervous Lysten being the Starting point whence on orales the mortid influence gri vieg rise to the phenomena characterising the con dition of parts daignated by the word heft. which like Fever Mouto be considered, only in a flueral, and not in a specific state. From this topic we pain by a very natural transition, to the consideration of some of the causes of the local hymptows which are pain, reduces, heat, healing throbbing, wereasio sensibility, disorder of function; arrest and change of secretion. The pain depends on the increases activity of the news, and this again pro dies the hecceding vicreased in flux of blood, and the witel responsing the versels; afternan the pain is increased by the deci ded expansion and tension which the park before. It deffees according to the deque of heft and the Lewibility of the offected part: Often it consists only in the Leusation of priekling, itching, teckling and a troublesome

diskipling some to the same of the same wife the state of the s

Metching. Offen it is stationing, tearing, burning, and a Structures largely hopping with newes it attains a most vehicular degree.

This in creases action of the newes is owing to the squeezing and stretching of the minute newes of the part, by the increases size of the capillary versels, resulting from the abstraction of the current of blood this them, which occurs at the very ouset, and which is the first step of the heft process.

Menter consillers the hair of help, considers the states connected directly or indirectly with the state of the blood versels, and says, that probably the news of the blood versels (new vasorum) are the first excited in the hair of half. Throbbing, generally hepping to mesh the occurrence of Deffpuretion is not always an emerine quide, for it is, according to de? Barrens, the most cha racteristic distriction of acute help, and he also points out that the description of pain unattended by help, deffects from the pain of hiff, deffects from the pain of hiff, alther the former is helpich to varietions, in skind, duration, and intensity.

the to have the the same of the state of the la electric to the feet set as to the land and the and the trade the the the state of the Newalgia is generally attended with more or less musular crawf or spasse, and meh pain is either intermitting or periodical, and meh semedies as relieve hair in the absence of hilf. have little or no beneficial effect on the pain of hiff. Blood letting aggrantes neuralgia and relieves haft. Heel, arseni and quinine aggrante haft, and come Neuralgia.

Many parts of the body in a matured state, give peculiar sensations when infreshed; when they are infined they between they because they between to the enselves, of which you have an example in the squeezing and buff, of the testicle. And the Jame made of impression bleele give a peculiar sensation to one part, while it that quie pain in author, thus what with horder mothers in the stomach, with produce sockness in the stomach, with produce sockness in the stomach,

That hain is not necessarily an attendant on high, which is well worth semenberring, and with which few careful observes with and afred. "We are told" Jays he ! that there can be me haft, when there is me pain. I

CALLED AND A CONTRACTOR OF A STATE OF A STAT The party of the same of the s

cefly, that there are many, and destructive too, a fourt, an eye, may the lungs may be destroyed by haff, without pain; he is a life culation, not a practical pathologist, who does not thuou this. It would be very say to heperinduce pain, in either of them cales, but let there be no interference, and the work of destruction in numberless cases, is as likeut, as it is here.

Cain is not always enflower atory, In may be the attendant on speaking, or on hiple irribation. The pain of speaken is intensely violent from its very outset, and the offen abating, more or less, during its Atay, Seldom advances to a higher degree than that with which it began. The pain of heft, on the contrary, usually con mences with a slight amount, and Heavely advances, house, increasing, un til either the action is buldered, or the part has heres he by gangrene. Vain of spasse is offen relieved by humand, at all events, it is not approvated thereby. he heft. pressure even Hight is quite intolen ble. In colie , a man is gratified by a weight or his belly: in penton itis, the Highteet, touch, is torture.

in the fit is the the training date they we were very

The pain of neuralgia remits, and sometimes intermits wholly during a longer or thorter period: that of wife, may remit, but is never intermittent. It may disappear med dealy, but if ho, is not likely to return the part having, in all probability: ceased to be an enable to purther change.

The chare decisting of haft pain, then are; it usually commences in a comparatively Alight form, and thedily increases: it is con. start, until the action resolve, or the part die; and it is invariably approvated by pressure. Sudden disappearance of buft pain is alway fraugit with hispicion, it is incom sistent with its ordinary character, and is alway to be regarded with alarm. On its abrutal curation, eve do not dream of a men Comession of its cause, but hispert, and too often with truth, that the back is no larger capable of Leusation, and has lapsed with gangeme. For example a portion of bowel is wifl. con nected with hermial protusion or not; the pain is excruciating, or a Ardden it ceases, the patient gratefully expuses his relief. and thinks he is better, perhaps defe : the herjeon, on the contracy, is alarme, be looks

to he are such to better comment. and it is exercised the second of a contractive will that the that the face is the layer exposed to de de la trada de la como de de la fair fair faire de for I them feeble, cold, claumy and collapsed. The part her mortifies.

be heft pain is sometimes about, or, as it were latent: an acute absensing have formed in a levil previous of posselytics defruited of seasoning may have been seconly attracted to the part by the perception of aught unusual. Or an viging of a limb has been accompanied by affection of the brain, in during come, perhaps long continued: in the limb hefteumation may be advancing des huntively, get pain is neither felt mor evinced by the peticish he has eases the surpeon her to feel for his patient, and in the absence of pain to be unusually attentive to the other symptoms of local disease.

The pain may be tometime, termed hypepathetic, referred to a part at a distance from that in which the haft resident Such a part is either connected intimately by function with the other; or it curtains the terminal expansion of newes whose thunds have their or near the helpan. Thus we may have higher ation in the hip-joint causing

infinitely less pain in that articulation, than in the region of the Three; abrees of the liver producing pain in the Shoulder; heft of the Kidney producing frain at the orifice of the weether. Ih is of the atmost inportance that the brackitioner, show beer this in he Collection: otherwise he may bring disere dit to huiself, and injury to the pateint, by leeching the line, instead of the hip; subbring the thoulder, wisters of attacking the liver; looking for the appear on a of a fourther, wistead of opposing a Renal meledy which may book bring life wit danger. Sain is of thelf a formidable thing: of intere and constant, certain to eshaut the powers of life, and consequently in many in flaws. it must be overborne

to exhaut the powers of life, and consequently in many in flaws. it hunt be overborned at whatever cost. When the part inflamed is an internal organ, intrinately connected with the parylionic hysten, the pain is of a peculiarly bis trething mature, and highly dangerous by continuance. But, ordinarily the attendance of pain or Paff, unless levere, may be seeined as of a Salutary tending. Here the action painless, practitioners and

patient suight be unaware of its exis tence or evetant, autil loo let to Sano leveture, function, or ever life.

When help. is the result of direct afflication of an exciting cause, as wounds heat or action between, pain usually precedes the vescular action. This may con time more or less, and be mergo in the inflammatory: or may ton cease, leaving the greater portion of the period of incubation confrantisely free. Such pain is also not without its use, leading to precautiviary and preventive measures— offer infinitely more valuable than the austine.

The redness. Days he? Hunter, is of various hours, a cconding to the nature of the Duft, if healthy, it is of a pale red: of less healthy, the color wile be darker, more of a pur ple and so on, till it thole be a thirt purple; It is gradually took in the surr own suig harts of the Tuft is of the healthy think: but in many others, it has a determined edge, as in the true superpelatous, and tome specific diseases, as the surgifications, and tome specific diseases, as the surre from two causes: the first is a distation of the versels, whereby a greater quantity of blood

the the designed be decaused of the exis head so a count histories of and would it is production to the the mention have of the fuffe is to the health, there to be me selling at her a determined segment to him

is allowed to have with those versels which only admitted byrugh or serum before: the second is owing probably to new versels being set up in the extravasated uniting coapulating lymph.

It's Iswers thinks that the in tensity of the reduces depens on the deque of fulness of the versels compatible with motion: for altho' the oxygen of the atmosphere will redden the blood in the conjected versely of the hufare, while circulation, however imperfect, continues, from the commencement of the State of absolute stagnation, the color gravually underjoes a charge from put to purple. he some modes of heft. this Shade of color even prevails from the beginning, and Soon Aurus to livid. These varieties are due to the Hate of the general circulation which gives it character to the haple and an atten dring change in the constatution of the blow. The more fully a part is wjected with blood, the reader is its hue. An inflam treature has its amount of blood very much increased: its color is necessarily heightened thereby. And not only are the versely comesally Jorga with blood, that blood is unusually red;

there alleren to be bearing a three states and less has then to The state of the s much of the liquer Sangurinis having mond on from the field of actual or threatened thaquestion, leaving the over distended versely filled chiefly with an applomeration of ced confuseles. The cause of reduces their is obvious.

The extreme vasulants of certain parts when inflowed, the conjunction for example, has been hoppored to depend in part on the formation of her versely a result of the action. This may ultimately be the case; but it is not to in the first wistance; Minute capitearies, in health carrying the New confuseles in but hingle files, are un sible to the manisted eye; inflames, they are dilates, burdent with corpuscles in mars, and plainly Lew; appearing to have grown up hiddenly by a new creation, but being in truth only an enlargement of Structure previously existing. The formation of new bloodversels in fibring asposit, is a gradual and never an immediate process. Such altinate vasularixation is a frequent result or attendant or hifl. but it is in compatible and cannot be conesis Feet with the true inflammatory crisis, which is adverse to all form a tim of histur, and is

apparentine and destructive.

The defice of reduces varies according to the intensity of the action, and the previous vascularity of the part: or, in other words, ac cording to the norther of the Nascular enjoyer ment, and the number of versels which are enjoyed. It is a familiar test of the violence or forwardness of the disease, to look to the amount of reduces. And we find wiflamed tendor bees flowed than wifl. Mini we than in flamed muchous membrane.

The tint varies, a coording to the character and a coorpanion to the action; a bright afternal red is eshibited by which is acute and otheric: the chromic and astheric is denoted by a dark, venous and hurple hue: prech attendant biliary der langement, giving a yellowish red, as in bilions erystpelas.

It is inaquied also that during the heft. Remore of the blood, transudation takes place of the coloring matter from the coloring matter from the coloring that ex from the confuseles to the plasma, and also from the general mass of blood thro' the vascular coats to the parenchique: and that to the

the course of the wastern to the deposit to the state of the s to held do on the state of the state of the

in the tint of an inflaming part, may be, at least in tome degree, ascribed.

She extend an form of reducy vary; sometimes limited to but a spot, as in the purtile or phlegmon; son etimes accepying a large hufere, as in expelas and the corner proceeding affection of the nucous hufere. Some times in one embrobben that as in englishers; formetimes in lines or patches as in hufland, of the veins and of the lymphatics. Sometimes gradually took by diffusion in the hisrormading padreally took by diffusion in the hisrormading haleness, as in phlegmon; sometimes carrying an absorpt bright margin, as in erratic ery thema.

She diagnostic character of inflam. Neithers is its its permanency. Other reduces may come and go, as in the blush of shame; or the flow of wernth: but that of inflam, is fixed. By the pressure of a finger it may be made to disappear momentarily, but the pale duiple is quickly felled up and colored as before: all trace of the touch almost instartly naminor. The patient may be bled to Synapo and the general perfect from pale as martle;

Amortimes dented to bet i glit as in the

but this will not yet blanch the cutt: part; its corners remains until the action which kaused it shall have passed away;

flitting tendency: it must be conjouries with other hymptown. The cruison that on the hectic check is fixed there, but there is neither pain nor melling: it is not con formed with other agins, it is not hiflam.

The ledners of harts which have been thipsely inflamed not unfrequently disappeary after death, so that it is difficult tometimes to discover the precise thot, which during life has been the sect of sufface. An obser vation well worthy of your lemembrance, as it may exect a powerful influence in cases of medical finishmotence in which you may be called to fine eidence.

Parious Herris have been used by writers to express the varieties, degrees, and offectanas of reducts. Thus I'm it is called lamiform, when be ates in the small arteries and veries only, and not in the capillaries. 2? It is daid to be capilliform when some of the capillaries are also distended. 3. It is uniform when all the capillaries are injected, as in enjoyabeles.

larges of that have passed away

Ath It is princtiform when occurring in minute dots; as when the villi of a Minute membrane are injected, but not the mucous tistue itself 5th It is called maculiform when the blood is either extremely accounted too, or else wetravasated at witam points. This form of redress accombanies homomhagic inflammation.

After a number of observations and experiments de" Sunter came to the conclusion that a local inflam. Joes not increese the local heat above the natural heat of the annial. The experients he made were I he the cuflam cavities of My dro celes, in which the thermometer thood at 983/4 F., an circulate in dew of 63/4, on the natural hear ascertaine prior to the heft. but as Hemeter states, probably not equal to that of the blood at the bource of circulation in the Jame man. I In a around in a dojs chect, in which the heat before and efter defl. was 101: 3. he a wound in the pluteal muscles of an ast, 100° before, and varying from 99° to 101/2 atter wift. It he the vagina of an all from 99/2 as before the hell to 100/2. he other experiments on Muncous kurfaces, the

mineral det in which the ville of miner that is a solid the hear lessed was again from the sold of the sold of the sold of the sold of

heat was sometimes the same as before hift.

But, as says haven, the newer measure the lensation rather than the depre ofheat. and this is a widely different deale from Fah aucheit or Maumen; the determination of blood to the capitlaires in blushing is accom panied with a distinct the transient den Jutin of heat to the widividual, yet not Auch as can be ascertained by the most delicate thermometer. It is much probably to be referre to the istravordinary wilch of arterial blood with the capetiaries: ets longer detention by the conjection proper to buffam, and the consequent encrease and vigor of the heighbouring circu lation wond five permanency to the Leusation and lender the actual wicrease of temperature appreciable.

The heat of Suft, therefore, is partly as head, partly the result of a prevente herrous function, extrinated only by the patreit.

Heat, like reducers - and, as we have seen, both partly depend on the same cause - to be inflammatory much be permanent. Blushing brings heat as well as color, but both are exemescent; it is also sonjoined with other lymptoms of pewer

And action, in hectic there is constant but ming of the hands and fut, yet us heflaw.

In reference & the enlargement of the weller of an wife part, and do visites in crease vascularity, Hunter observes "that in thead of an increesed attraction, there is what wond rather appear an increesed relapation, of their muscular howers, being as we might supporte, left to their clarticity entirely. This wowo be reducing them, to a State of paralysis frinkly: but the hower of muscular contraction wow deen to give way to Suff: for they cen family dilate more in Suff. Hear the clarkie power would allow: and it much also be hip hole, that the elastic power of the artery must be dilated in the Same propertie. And he comes to this conclusion " When we consider the whole of this as a melenary operation of Nature, we must hipporte it tourthing more than simply a common relapation, we must hippore its an action in the parts, to produce wicrease of size, to auswer particular purpoles, and this I thouse call the action of dilatetion, Such likewise was nearly the opinion

The state of the same of the s the state of the s

of D' bullen and D' Thomson, & whose work on Suft. I must refer you for his observations and experiments, on the current of blood the' the capitaines, renting from the application of afferent buttances, but which you must, at the Same time recollect have been objected to by some as in conclusive, was much, that altho that state of parts which was induce, vij: retaraction and Stagnation of the blood, bore the strongest resemblance to Suff, yet in no one wistance did that thate continue a hifficient length of time to allow my one of the usual accompanionents of high. to with, the effection of mr. lymph or mortification to be produced, him each varietin terminates more or less speedely by the restoration of the natural current.

According to Gendrin' The capillaries around the irritated part distate, and Seem to multiply themselves, he cause a preser number is perceived on account of the reblood, which by coloring them renders them more visible. The globales arrive, they are crowded by ether, their motion is rotarded, and at length perpended: they revolve whom the emselves, and at length are entirely at text. The capillary civalation is them endeatly hopewhat at the

the party of the second second

possite irritated: for tome distance assessed the redardation of the circulation, and the latin of the circulation are planty Seen: a little further off the circulation is noverespect the capillaries being state state; finally, at the limits of the haft areala, the circulation is, on the contrary, greatly accelerated, the capillaries stated, and the blood contains a greater number of plobales. All these changes may take bluce in four or fine minutes and the Same spead of sine is defininh to allow of the capillary circulation returning to the natural state.

The dwelling, is caused at first by the increased quantity of blood, and betreguent by by the effection of der um, blood, hymph and hus. It is most remarkable in loose leastness; also in the bearts, leather, and lymphatic plants.

The univorsed accumulation of blood with alone occasion this in the part inflaming; as is exemplified by the Hight yet palpable elevation of the Shin in erythemators buff. ere effection has accoursed. But as a Lympton of buff, It is mainly caused by an escape of a portion of the Nasaular contacts, with the intervascular thaces. The active yet nascent,

with an death of the second of

Serve is effect; in its seven stope, the liquor surgeninis is forme; or fibrai sume or less supposition from its derum; and this fibring is of high planticity, and with it is suited blood extravaictes in man, the result of wasular lesion, and alternately survelent formation is some or less advance. So that, by reference to the diagram, you with see that we have centrally, a top fluctuating swelling, when there is

blood and pros; hurrounding this a dense dense and un yellding circle, tomewhet dif fuse and usually less promi

ment them the centre, the

Nevelth of plantic fibracions accumulation; and eneteristy to both, a toff putting dedema, more or less enetensine, according on the fibro-cellular tissue has been fitted by serous effection. The combined result is toffening of the ture, and enlargement as well as impair ment of cohesion.

Swelling like ledners with mh alone wide cate haft: it much be conjound with other hyperptons. In duiple orderna there may be much dwelling, yet there is nothing of the Duff. process.

It is also of gradual and recent formation, and but dealy developed, as in the buying of a hermie or disto cation, or the Angenium, in filtration consequent on a How; hor of a tedwir growth and areient origin as in the genuine france.

The Hendency of welling is herebi cial or otherwise according to the part offee to. If this he internal, of delicate texture, and wiportant in function, twelving may prone to the last degree injurious, as in the brain. Or a part, comparatively of their, of little without wice, may be in the vicinity of one which is of the prestent: hoeling of the orbital tissue will to effect the explale: lift Andling of submucous tissue, man fataly or clude a mucous outlet, as in the glothis. On the other hand, twelving is usually a forter nete occurrence, and as buch encourages by the surgeon: if the part be situated enter rades as in the belancous allular time: or of it he neither of itself of delicate texture nor widowes with function necessary to the amin at economy, nor closely connected with one which is either or both - as the Augheres accupying the intermusular thaces. The over ritendes venels are relieved of part of their

burden; and an opportunity varying according to the extent and lapidity of the effection, is this afforded them of recovering from debility, re gaining their normal tone, and orce more controlling the circulation of their contents. Always provided, however, the effection from the vessels, and the yielding of the himomeding bustone, to receive that effection, to advance consentances, to receive that effection, to advance consentances, and in harmony.

Of this forwardle Kind are very many of the hoelings in an inflaming part, with which the surgeon has to deal, as in enjoyelas Whiteguer, fractures, bruises, etc. It is, therefore, an error to regard the amount of hading as a certain in day to the endent of mischief; nor ever ought great inhumescen a to warrant, of itself, a flooring prognois. Further, he cling is not to be invariably prevented nor opposed in the propers; on the contrary, it is offen to be win it is the part, and when there, promoted in the advancement. We have lear that the much prominent change effected in the blood by hift, is vicrease of the proportion of fibrin; this, then may be regarded as the principal unflam. wigredich in that fluid. If much of it be cotruded from the versels, elther her se or along with the Series, it were most reasons

astan invested in the star of the

And thus we may have another reason in favor of twelving as a Schutary occurrence. The eswation of plantic fithing is also arrentageous, as constituting a most wifurt aut limit to the central hipperation when that occur.

From what has been daid, it must be apparent byon, how the fendency of heal ling is prominently connected with the testure of the hart; the less gielding, the less fewore by disposes for effusion. The action increasing In does the escape of the vasular contents, but show the testine define to accommodate this growing addition to its bulk, there arises, as it were, a Struggle between the un bading versely and the ungestling part, the istue of which is here to be disastrons. It is the cher. georis duty to watch this, and either main tain or rectore harmon, if possible. Other coire pressure from the pent-up efferin reacts disadvantageously on the bloodversely and hewer of the part: tension is soon accompanied, by throbbing, hear and violent pain: the morbid action has received a perh impulse, and advances accordingly. Or the tiphney of the pressure they cause may

be to preat, as to arrest altogether the cir culation in the part, already wiching to Stagnation, and so render gangrene unwitable. Hence it i, that rapid hoeling in a looke leveture always tems to relief, as in the ordinary fetro-cellular testue: while helling in that which is unjelding requires both Mafful and Constant care, and even the over unjury. Acute wifl, in bone, beneath a highty threw fascie, or between bone and its films perior term, are occurrences invariably levere and prome to result in destruction of tenture. Acute action with rapid effusion in and beneath the sclerotic conjunction is compare twely harmlers; while, in the comea, the result is usually gaugeene.

The throbbing is the result of obstructed circulation in the part: and will not occur at least to any enterest, until the action that have reached the period of languiers stapation. Sueposte the ferrial actory, and its play seems soon and pentle, but place a lightne assure it and on the wist and the blood beats thoughten, by on the distal aspect, as it ampach, laboring to vornouse the obstructing cause. The wife process can begun, the arterial truths in the heighbor how are found acting with unwouted energy

Throthing is painful, at lack pulsation the hatrints sufferings are increased. It is then, that the newer already highered in their place by the circumjacent effection, are much Leverely compressed; and of is then, there the wascular coats, themselves disordered, are shelped, as well as dilated.

hereased Susibility is the result of here witer herewords from the eye, when found bears a flood of light with infunity; in flamed, it winces when the faintest day that directly upon it. The skin, in it, healthy that bears much manipulation; in erysipeles, the thightest bouch is resented. The stomach in health within regist- food, nor stees deur atin of siscereful wide cate its presence; get the same organ becoming influencement of the swipplet injects. The bladder usually an ait its pole distention by wrine: in cystilis, the Smallest accum mulation is unputy expelled.

Obvious by, this is a wise and herefi cial arrangement; but as we that hee, it is one of the most without and means whereby haff, can be mit and but due; and intolevance of function is effectual, not only & hoggest the propriety of rest, but also to compet its

be heft were it maccompanies by pain .

The impairment of function, which unariably attends more or less on heft. Courists, at first, in an encrease irribability and morbiel sensebility of natural infrasion; but hebrequently in an either incapability of performing the usual offices, in consequences of Shutward change. At first, there is well much or willeases of the normal functions, Synchronous with himple racitement of the part: then perversion of function, correspon oring with the second stage of action, when belay of blood is begun, and extra rascular defor-Dit is coprously arrange. Alternately fine tion is depressed, and probably arrestes, in that part, where the true hell crisis has been attained, the blood Stagnatuig, and the Streetweet Charge fait, established. Du Inbridence of the action, function is resumed; but when resumed, is, for some time, more penentes then previous to its arrest; and may slowly, herhafes never, where to its pristure and normal character.

The Stomach wift. ceases to be usoful as a dijutive organ: the Kidney as an uropositic;

the bladder as a receptable of wrine: the train as an organ of Leune or intellect: a muscle or bone, as an organ of locomotion: an artery or a vein as an organ of circulation, an eye or ear faits in the Medial sety.

Expaliation of function follower by defining is well esculptified in the case of the internal organs: the heat or other contrae like fibre inflaming, at first acts with increases every, but histognesty with feebleness are in regularity in regard to the train, we have at first delivious and countswins, then come are paralysis: in the early stape of help of the spinal chord, there may be tetamic contrains, afterwards tollows paralysis.

hatin of this Apreptore is a respect, secretion hatin of this Apreptore is a respect, secretion from a mucous membrane for example.— as in a mascent gonorthea. It fish the ordinary mucous secretion is argumented, probably in a dilutes form, containing an amusual amount of Lerum: then it proves less copiois and more glutinous, the liquer languinis contributing more to the formation: by and bye et changes still more, and has a puriform or milky appearance; as look it altogether arrested, then dry mucous lifes there bearing more pain

New hear and hoeling them defore. But true a cute wift, cannot long perist without in during eather alceration or gaugement the action generally declines and the part is moish again: at first perhaps, blood escapes or this may happen previous to decleusion: them, Influrition, real or apparent: then the plati mous and the server fluids once more, and althinately the Lettling down & the ordinary mucous Lecretion. Or malaprapis may carry the ellestration a step further, by repetition. At an early period of the disease, while matter is flowing in peopsin from the oripies an in tensely thong injection is applied not of the nitrate of Schoen: the discharge is speciely arrested, but the disease is not and, for the ordinary signs of heft are aggravates, and the discharge now Reappears more expiresty and investerately than before. The action had begun to decline, but the ill- wires Remedy, acting as a fresh exciting cause, brought back the true heflam crisis. haplan. is capable of altering ale the

huflan. is capable of altering ale the me chanical qualities of hatt: I'm The weight is always were are, it the huff be townthe levent long enough

To induce atrophy: 2? Cohesion, or hawness Cohesion is always drivinished in acute hift. althis this is aft to be overlooked in consequence of the increased density. This toffening wises from the effections which in filtrate. the tistues. Hardners may be wiereaso in chrome heft, bounetime, because the whole buth of the part is Shrunken, tourtimes be Cause of the organization of lymph. Mardening from Chronic Refl. was formerly termed Schirrens. and the term is Atche used in this leave by the French, altho' it is far better to employ it & designate a definite motion out disease: 3. Fanhavency and polish, are always unipaired. Morbid Anatomy. The ordinary pottmorten appearances of recent haft are redness, of. terning, prelling and infeltration of Lerum. It is necessary, however, to make a few observa tions respecting these phenomena, and espe cially concerning redners, because, in the first place, it may disappear altogether after death: secondly, it may be simulated, by New hers from congertion, which existed during

life: and thirdly, it may be Simulated, by con

tain appearances produced after death.

Transpa rency) the Market of the State of the

(he the first place then, red wers, if very slight many disappear from hift. this after death; but if the bloodversels were injected the was cularity would be found wicreased; bender that the part would be foffened, and Stigutly infil trate with Lerum, and that the epidermis wont heel off more ready than natural. De country deshers they have been caused aurung life, not by hift, but by conjection, from an obstacle to the return of blood; and Conjection may also be attended with toffering, and lerons effering to that in down wistances it caund be distriquished at ale from hift and in others not with containly. The general distinc tion is, that in argestion the layer veins are distended more them the capolleries and presionisty & them, whereas it is the reverse in hell. The diaprovis with he arded by obser ving whether there is any cause of obstruction & the versous circulation.

Thirdly, the reduces of hell, may be se quied to be distriguished from cutain appearing produces after death [1] By the action of the capitaries, which continues after that of the heart has ceased; be that the actions are emplied, and the blood accumulated in various, internal

The state of the s Commence of the second internal organs, especially the lungs and spleen.

(2) By gravitation, by which the most dependent dent backs of the body, and especially of the lungs, are always more or less conjected. (3)

By Fransulation of the derum and coloring matter this the coats of the versels, in incident putterfaction: which is a frequent cause of red spots and Hairs on internal hurfaces, and of collections of bloody derum, in the various cavities.

Since does not paraile in however, to disate upon there topics they are merely as wester to for the purpose of showing, that reducts, softening, healing, and derors effection, much not be hartily received as evidence of Soft, unless a coompanied by some more accided effect, such as lyaph, or pus; being that they may be produced by other causes, both before death, and after it. Manufactured to the state of th

Causes of Riflammation.

The wow cause, in a strict and logical Leuce, signifies the object or event which immediately preceses any change, and which in Similar circumstances is always fol. loves by a Similar chargo; but in medical win tries and particularly as applied to the ogets or events which purtue heft. the term cause is asso in a much more extended and in definite Vense. Accordingly, you will find that the causes of Suff, as of all other diseases, have been usually divided with the Unote and propriede: but this is a divising which is inaccurate, and of the practical use. By the programate cause of Suff. pathologists in general, with to express that that of the body, or lather of the part affected with hift: upon which the phenomena peculiar to hifl: more particularly depend. In this leuse, the Herm, prosinate Cause, it is obvious, is merely and then a ame for the State of haft: and being in fact the disease itself, it withe admits nor requires of being distripuished from it

reduced in a series of the series and a series

Nor does the epithet remote, as applied to the causes of Suff: appear to be sure hapfily chosen; for under this term are comprehended all those agents, events and states which contribute inne diately, as well as semotely, directly as well as indirectly to the production of that thate.

When Suff. accurs, as it not infequently day, without our being able to have its produce from to the action of any obvious, cause, it is fermed sportaneous inflam. But in most instance we are able to have the origin of help. to cause which ach either directly on the part becoming inflamed, or without the medium of those squapathies which connect sistant part of the body with one and there.

As exemplifying this last claim this only necessary to demants, that particular thinks of food tother into the Stomach, or mercury or asseming five in Small dodes, offer, without appearing to affect the organs with which they come into contact, produce each a dis built and the cipi Tuff. of the cutaneous texture, The exposure of the feet to coto in one person are casions wifle of the thirty in another hely.

A STATE OF THE PARTY OF THE PAR

Mery stribling diversities are observed in the effects that result from the operation of the summer, according to the difference, in the structure of the parts on which they ach, or according to peculiarities of Constitution. Such for example, are certain temperaments and periods of life, the influence of particular clinicity, and the use of particular things of food.

The varieties of constitution which modify the operation of the causes of Paff. have been distripuished with two classes: first, heel as are peculiar to certain particular wideviduels and secondly buch as are common to many. In other wows there varieties are either special or general. The former are termes idiosequerasies and the latter temperaments. For there we mught probably add, a third class, admely diatheres, or muchid dispositions.

Minds, and they, are in general, discoverable, why by accident. Thus there are some persons in whom opinm does not produce sleep; others on whom milk seems to ach as a poison; some who are purpos by astringents; and others in whom purpos by astringents; and others in whom purpos by astringents; and others in whom

the second of th Control of the Contro The four Kniss, the Sanguine - the bilcois - the phleguestie, and the melancholic. To there, has been added, in modern times, a fifth, the nervous, for the districtive characters of there various temperaments I must refer you to my extremed colleague, the professor of Physiology.

At examples of what is usually meant by diathesis, I may bount out to your swice the forty, the Effective, and the Scorbatic, dispositions. Like the idistyne crasics and temperaments, must of there die theres are hereditay: yet they may also be formed by a variety of circumstances con me et ed with climate, food, and manner of life.

A presisposition to Infl. may either each in the general system, or it may have its seat only in some particular part. A part which has one been inflame is in general observed to be more liable to an at tack of haft. There a similar and corresponding hart, which has never been in that thete.

Sur attention, with regard to the courses of Suff.

mediately, others only after a considerable. period of time, in many vistances not Tile after an enterval of Several days. With there prefetory revalls, I shale procees to consider the causes of heft. which I shale divide into I. Tredisposing, and II. trociting. The prosperiate with a omitted altogether, as having already occupied our attention when treating of the Theory of hift. The predistoring may ach this' the general Lyston, or on the part chief, or on toth ways. I'm Unusual excebability hay rende in a part or in the Lysten, by esaltation of the hervous function. When oc curring locally, it manifestly predistroles to heft. whose first movement is an in pression more or the herves by the excelling cause. Idy prologer use, for example, the eye Than its sensibility egalted, and the induction of ophthalmin is favored. 2. Nethora may be general or weal: the former either the result of original temperament, or Casually widuced, as by excess in dieh-may, by the abundance of material which it applies, favor increases flow of this to any particular part, and facilitate the occurrence

of Suff. but it is probable that it does not act so often or to much in this manner as is generally supposes: the blood itself is not predistured, the red plobules are in eacers not the fibrie. Bet there can be no doubt that local plette ora, that is determination of a blood to a part, however induced, predisposes and theil strongly, to luft: whose first movement, after the heroons inpression, is this very languineous determination. (hoceand and dustained use of a part, as of the eye, Kidney or liver, both heightens its sensibility and brings to it a determination of blood; and thus doubly predictiones to hift. It is familiar to all how every organ thus exercised is prone to be inflamed. It may be further observed, that local pleth ora, with the disposition to perverted vascular action, which it engenders, has an important relation to ago. he infancy and childhood the brain is peculiarly liable to differ: in adolescence, toward, puberty, the hulmorary organs; in the adults the abdominal. 3. Debility general and local. This is of for the most prolipie class of pudisposing causes. A what power or strength rendes inhe really in the Listen, and in parts of that Lysten

whereby morbid action, resulting from the application of an exciting course, is either re sisted he can fully and averted, or when commen ces, is controlled and modified. The preater the inpairment of this vital power, the More prone are legiter and part to the occurrence of disease. heft. then often predishores indirect by to heft. A hack inflame, we formerly Jaw. Than its what hower impaired, and hever again wholly regains it it demains weall, and consequent by, predisposed to a decurrence of the action; sur to be overcome by even a Slight exciting cause, whose Stimules it couts have previously borne with infuncty. Bad food, air, and clothing! intemperance; excessive and hatitual evacue tions, previous disease, and offen the heatment ne cersary for its temoval - are familiar examples of causes of debility, and consequently of predis position & heflammation.

The presisposing causes may be contined. An eye, for wistance May have a tetermina him of about toward it, at the Same time that it densibility has been epalted by unwonted exercise of function; at the Jame true, by a previous haft, the part is weath, and by confinement, but air or food, hustained

mental esercise, or all together, the frame also is debilitated. A part this importantely situated can scarcely avoid a high and injurious a ction.

Our Second division includes the Fix cilino or those which directly wide the morbid action. Suches !" Ordinary irritants, as acid alkalis, many salts, alcohol, turpentine, etc. acting by direct Stimules on both newous and wascular systems of the part. 2. Wounds, and other mechanical injuries which require a certain amount of vasuler action for their cure: not impregnently that action is, by cir curstances, carried beyond what is limply Salutary and prolonged wito true hift: heffer action is established, and the process of healing Alayed, with the action that have again whidea from the heft acme. 3. Sodgment of foreign bodies. A wound is not unlikely & inflame, but of it contains extremeous matter, which is not removed, wiflam is in evitable - the result of prolonges application of Atimalus. It Pressure is, in like Manner, a prolonger of circles, of slight the absorbert Lysten may be chiefly excited, causing swiple at sorption: if Levere, as well as Lustained, the

the state of the s of francisco to account to the contract to

newous and vascular hiffer as well heflan is produced, and may cause true alceration or even gangrene. 5th Heat is a most power ful agent. En home it may at once reduce the part to the form of a decd eschar applied more leviently, it proves a lititules to both hower and blood versels, in ducing perverted action of the latter, varying from simple co citement to the most intense Suffam. 6th bold, considerable and hustained may act, as an excitant of Suff. either on the part it self, whose temperature is diminished, or on forme other at a distance. (1) at a distance. bold is applied to the feel and legs, or to a large part of the general durque. Circulation is enfeebles there, as thown by the pale and thremen integement. The blood, wistend of seing equably distributed over the body, is hent up within and overloads the internal organs, one of them, the lungs, for example - is more bur dened or more hisceptible than the others: it has ottained the first vascular more for haff. that process is begun and advances. (2) On the part trelf. not by the first effect of the coto, but by recetein following whom this. While decrease of temperature is maintained

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in the part, comparatively little blod, circu later therein, its nervous influence is de pressed, and all vital power, as well as action is enfectled, on withdrawal of the Colds influence, blood wisher back to the com paratively empty capitlacies, howons every is lectore with a tripling: Swiple vaguelas excitement, or in other words, the first Hap for and hell is at once established, and that in a part whole vital power has fish before been unipained, and which consequent by is but little able to revish or control the action to commenced: this advances atmost unopposed, and the part may fall an eary prey to hell. The ouset of heft with of course be more rapid or severe, if the cot be hol merely removed, but heat, friction or other Strinde at the same time applied, nothing can be more injudicion, yet few practices are more common: grave hift is her dered meritable. The Atmospheric change may either predipose or excite, the former when the repolare is gen. end and habitual, usually associated with habits of intemperance, the latter when exporture is partial and hidden. It is familier to all how inflaming eyes, throats, lungs, joints

are attributable to casual eneposure to athrospheric vicistitude: the moons operandi is Similar to what her been fuit enflavior in regard to cold. 8th Mudue exercice of function, in lette manner, may either previs hate or escite, according as it is moderate and habitual, or Casual and excessive the operates by inducing local plethore, at the dann time exalting densibility: not only invi tring the action, but fixing the first more in it advance. I'm Withated tecretion acts as a direct chemical irribant [1] from one part & another, in the Same patient, as Acan to the cheek, discharge from the Nee tum and Nagina to the nates; (2) from one patient to another as fororshoed discharge from the acting on the conjunction. (3) from the lower accincts to man, as in the care of the Naccine virus, and the converte. 11th Setention of the ordinary Secretion of an organ, tews to hift retention of wine may be followed by cystitis; distenting the lang mal face by fishela la crymatis. Decretion When healthy is no Etimalus to the particles changes in quantity, quality, or both, it may be come do.

the first the second of the second the second the for the time the same of the same of the the little is the state of the state of the same

to these we may add, with John Menter, that fever is often the cause of local hifl. These inflams in consequence of fever, are com monly hipported to be critical, but I very much doubt the truth of this opinion. I write ting Introduces, Lays he, when of no specific Kind produce heft boner than the other visible Causes of heft. If of a specific Kind, then the time, both, and trolence with be according to that Rina. But irribating applications must be continued for home time to produce trotest hel. These differences are easily accounted for quick death does not irritate the part Rilled, and the contiguous living part not being estelf hunt, is only irritated to get rid of the dead tract. A wound is a quick irritation of a living part, be that it cuflames more readily and more violently, according to the quantity of irri tation, but that cannot be of long Standing, as nature Lets about procuring relief. But When viribating buttances are applied the part inflames quickly, according to their power of viritatin: and, if they are continued, hature is not allowed to relieve herself, but is con Stantly feere, by which means the Juff. be comes also violent. All heffaus, attended with

enthatical action of they are continued whater

disease have some specific quality- which huiple heft. has that and in hich eases it is the specific quantity which is the disease and not the hift. There are many constituting which have a tendency to specific diseases, that, when injured by fever or any constitu tronal complaint, readily produce the the cific wifl in such parts of the body as have the greatest besceptibility for my specific action: or, if had parts are affected by any local violence, the parts cel and for this the healthy whereine hift but with fale wit the specific buff. peculiar to the habit: huch as is the Case with the supplestations habit; or, if a specific hift has already taken place any violence done & it, when sheavy begun, with wicrease that disposition and action, which we see plainty to be the case with the Scrofula, because this directe, can, and offen does, arise from such a course alone.

The Sufface. process may creticus I. By Fixtension continuity of the sufface trusture, and certain tentures are bearliesty know to buch entersion as the skin and mucous membrane. This wo can common thing to fruid an Suff. of the skin, the sends of injury and at first a more purstales

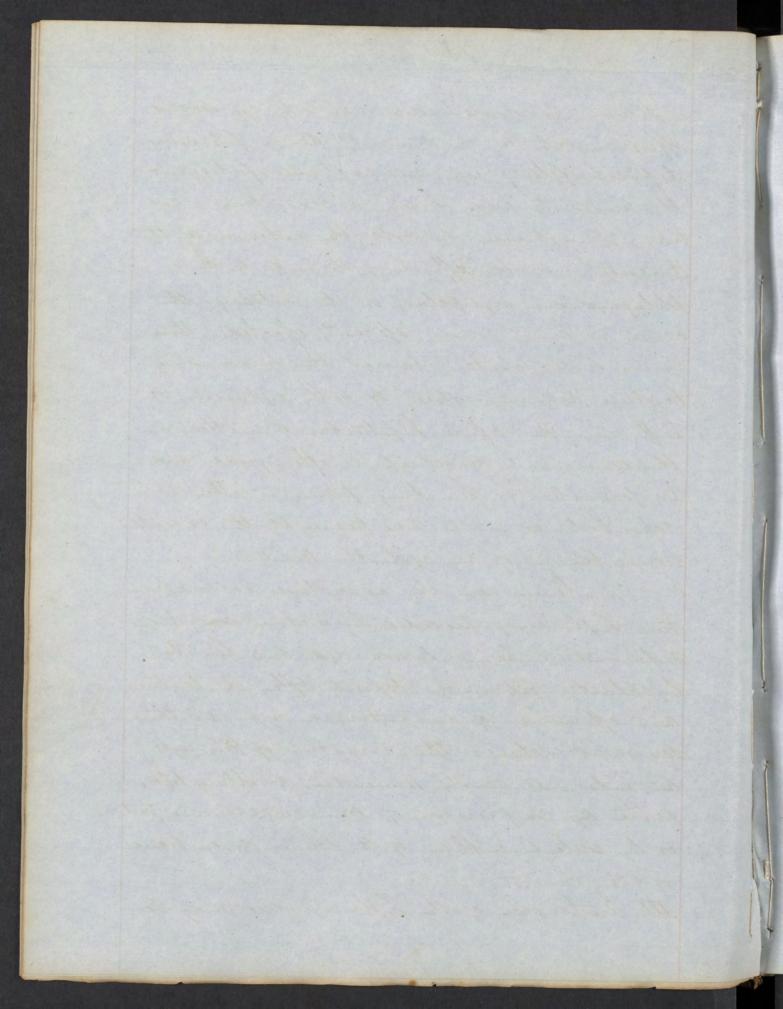
spreading continuously with an eryspeles. And persented vascular action, at first limited to one portion of muchus membrane, often quickly spreads over a large space of the Same bistue; from the fances, to the language tracked and bouchix: from the spharmyre to the resophere. from the vagina & the trether, for the luthra to the bladder.

II. They Contiquity: the testure, becausely circles not being continuous, but connected by pinta-position, and usualey the home looke the intervening tenture the prestor the facility-of evotension. In neglected phlepmonous organizer less, the action commencing in the hugar may soon reach bone and joints without of a success mentioner of the widness absent on the reformance of the widness absent on the reformance of the letters: action original thing in the sewelofe of an organ, may prevade the organ itself.

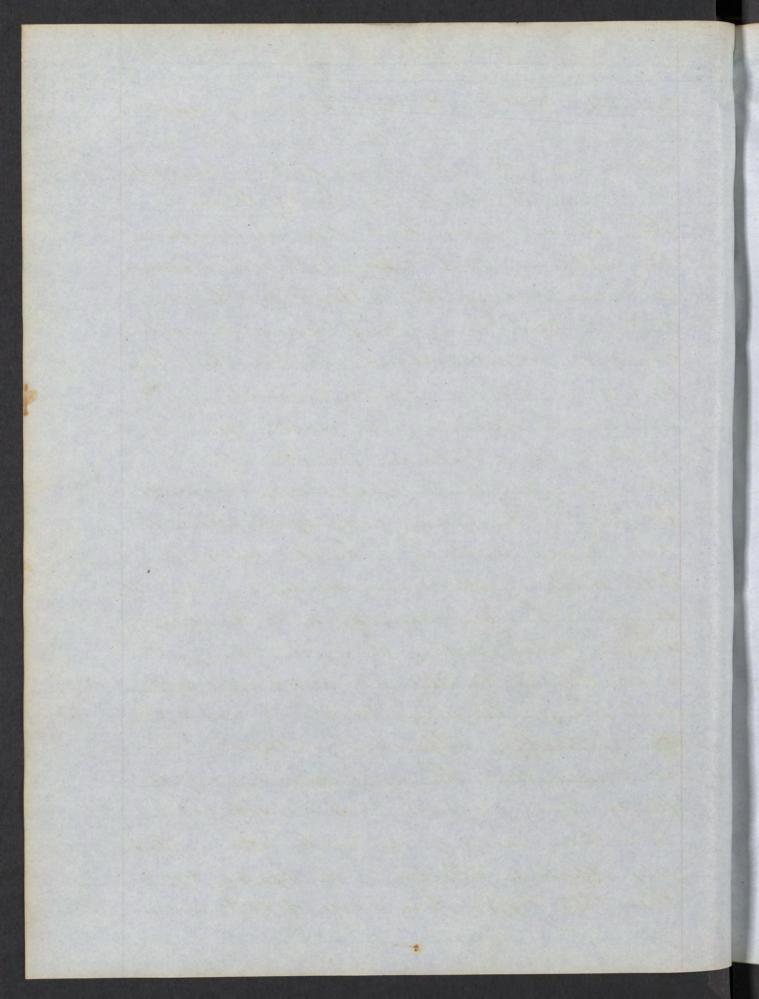
The home laped the attainment to the how hish attacked the home likes is the action to extend, and that quickly, to there in the neighbourhood: its advance is unopposed by attendant change of thructure. In the formation of an ordinary a cute absent, the propers is produced, and the central portion truty

enflamed is directioned and only by letous effection, but by a man of deuse fibring deposit, felling up, and as it were fortifying the prevently looke listue, and exerting a red training influence on both the entension of the disease and the differin of the products. In phlegmorous engageders, on the contrary, the crisis is much more speech, effected, there is no buch Schutary barrier, the hurrounding tenoture Remains of see to both waters in of his and the differe hightertin of matter, and the consequent mischief is often prechain in the consequent mischief is often prechain who deposited: or, as is more frequently the ceresther execution is of an application thind.

true hell, being preceded by active congestion, apparation being personaled and limited by plastic fibring our deposit. Offer the tereture and efficiency of an internal organ are thus down: as well as the irruption of pur into an internal cariety prevented, herithing life, either by compression of mue meighbouring that or by willest cuflam of the living membrane of the Cavity.



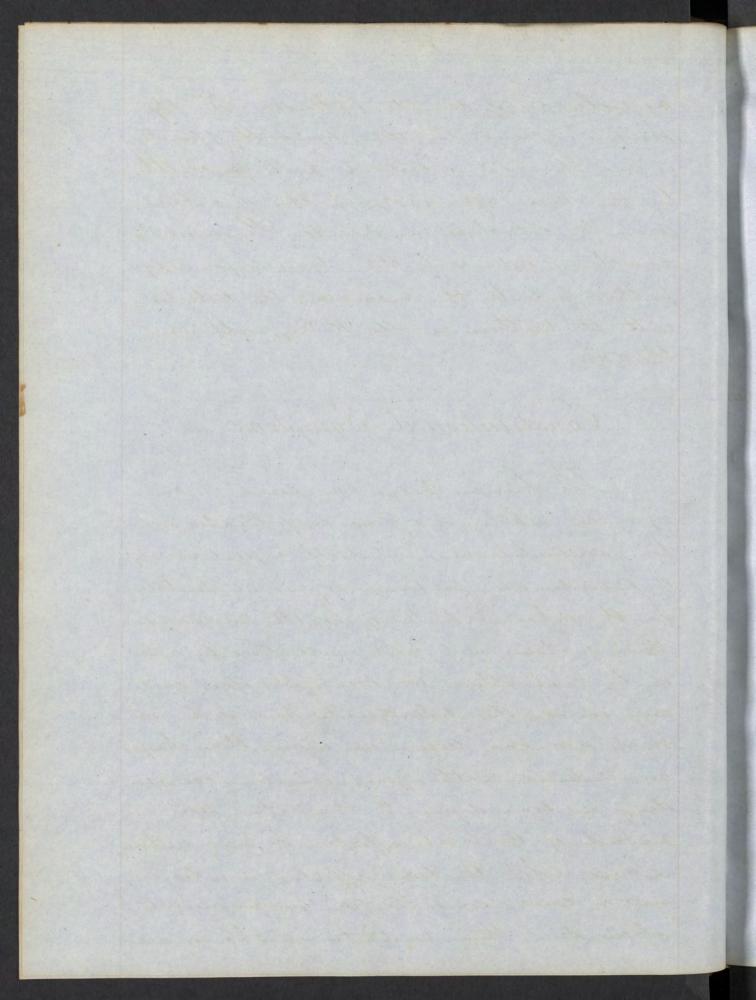
Remote: that is the part secondarily involves, is at a distance from the original liter of action: and the intervening parts are unaffected. This may be effected by I'm The Blood. This fluid, as we have deen, emerges from the inflaming part, changes as from a laboratay, and circulating thus attered to other and distant bacts, may itself become the upating cause of perverted vascular action there. Ture lent formation - in fact, unusually acute absences - occurring in certain forms on phlebits, at a distance from the affected vein, may be then Satisfactority accounted for. 2. By the agency of the lymphatics. A. part is wouldted by a hurtful vivus, and buth results in the wound: bender, a portion of the vines has been carried on by the absorbats, not only contaminating the bystem thereby, and he establishing constitutional disorder, but lighting part fires in its union track - It may be while the conducting apparatus is altogether or al most unscatted. Ther a poisoned wound of the priger quies at first withle pasonychia, and then abover of the apilla, often without any apparent affection of the lymphatics. Men they hoffer, it is a case of continuous



as well as of remete entension. I'm By Menors afency. By this, hypefathy of function is montained in distant parts in health; by the Same agency, sympathy of action may be established in disease. Thus montisty as well as ordinarily the stown is found sympathisming with the manning: the testicles with the trething with the manning: the testicles with the trething with the bladders.

Constitutional Symptoms.

The human body, considered as an organises whole, is a very complicated by tem, comprehending in itself a great variety, I below directe bystems, organs, and tentury, he the different state, of health and disease, there systems ach and are reciprocally acted on by lash other. No sooner, therefore, does any one of the subordirecte harts of the animal economy secesive an arging, the ancharges are induced in the general system, corresponding in some depre to the sature, seek so evertual of the local affection is interned, and of course concerted from our inservicte observation. There constitutional changes are



often the chief, it not the only mater. which, previously to death, and the distertion of the boos, we have of the resistence of in fernal local disease. The brain and newer seem to be the common certie or general medium, this which the reciprocal influences of the different parts of the annival economy are essercised, the organs which first sympa thire with local affections, and which, by their reaction on the other organs and systems of the body, produce in them all the variety and diversity of constitutional effects which we perceive to occur in disease.

All the different systems, organs.

and features which inter into the composit

from of the annual economy, and lichle to be

more or less sympathetically affected by

the occurrence of local hell. but perhaps

the mist remarkable and niportant of the

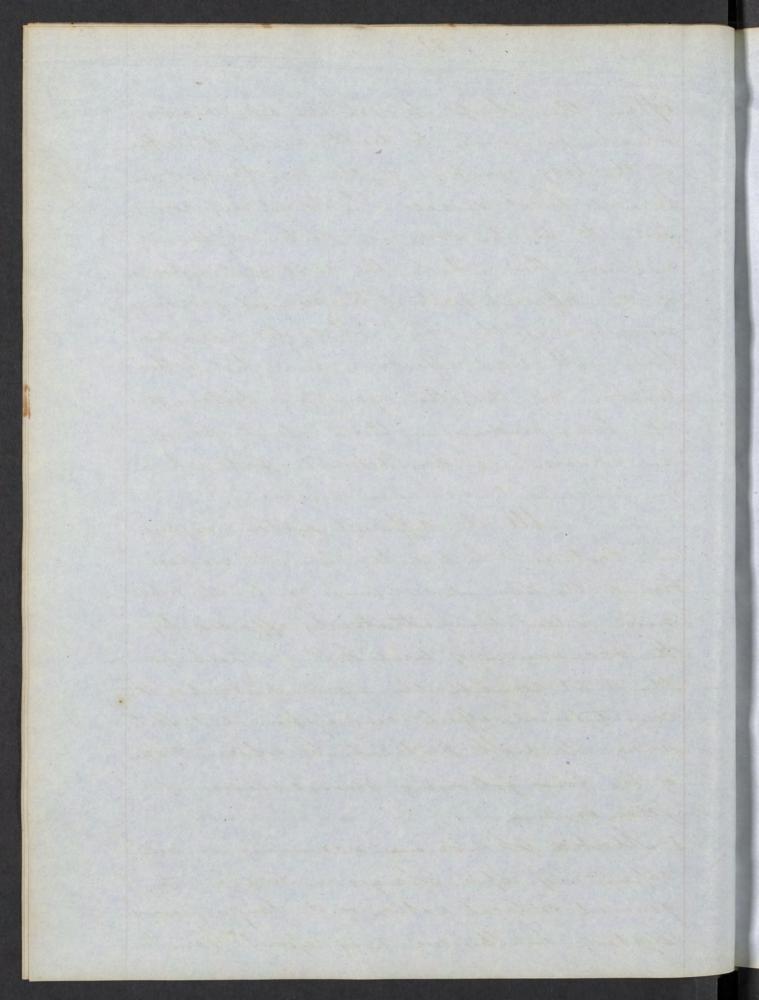
constitutional effects arising from that thate,

may ale with propriety, be referred to one

of the four following general classes of

Ishen one one

I. Morbid phenomena, accurring in and depending upon changes, induced in the general or local action of the Sanguiferous Lystem. To this we may refer 1" Variation



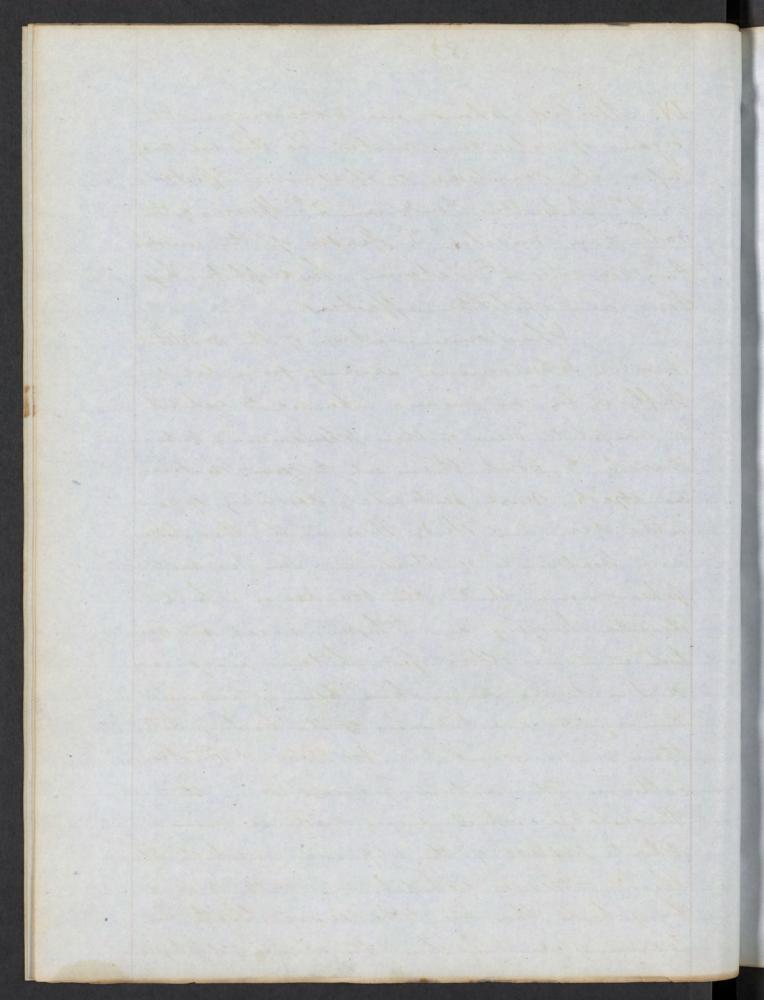
in the Strength and peguency of the are formal pulsations. 2? Variations, in the degree of temperature or of annial heat, either in the whole body, or in particular parts of it: 3. Nariations in the State of respiration. It hariations in the dryness or hu midity of the sthin. 5th Sportmens hoemer shapes. 6th Variations in the State of the afferent secretions.

II. Morbid phenomerca accurring in the digestine organs, and in the organs subservent to the surgent state of digestine. For this we may refer. I'm State of Valivary Decretion. 2. State of Jungue, as to moisture, color, crust, etc. 3. Variations in the gastrie fluid, want on appetite, in digestin, etc. 5th Variations in the bisting secretions. 6th Gripping, surpring of behid, mucous, bloody, and bistoir, matters.

TII. Morbid phenomena occurring in the newors bystem, considered as the organ of Luce and intellect. To this, we may refer. It Sym cope, but den hidbress, thirting, coloners of the extremities, 2? tratchfulness, 300 Delirium, mild and ferricious. Let Mania, 5th boma: 6th Spopling. The Devangements, varia trois or deprivations of the Sensation of right heaving, taste. Smell, and touch.

IV. Morbid phenomena occurring in the organs of voluntary motion. To this we may refer all consulsine or sparmorin affections, as 1th Subsultur Aendrium 2. Sparmes of the vivoluntary muscles. 3. Sparm of the window hay muscles. It Tetamic, hydrophobic, hip Acric and epitethic affections.

This enumeration of the constitut morbio Whenomena arising from local hift, is by no means whender to eshitit a complete view of their phenomena, but merely to point them out to your notice as object most particularly deserving of your attention and shedy. It is in the Knowledge and heatment of there, and Similar mortio phenomena, that the boundaries which directe Surgery and Physic, meet and are lost in each other; for whatever inaquing Mistriction sucy have been introduced among the practitioners of the healing aut, there is no foundation for there districtions; eather in the nature of disease, or in the Knowledge which every medical man Should hossess of the appearances which dif ferent disceses we hit it, and of the means by which they are to be removed. Bothe in learning and teaching the elements of physic



and durgery, you are ever to hear in mind, that they are branches of the Same art, have has the Same origin, are governed by the Same principles, and pursue entirely the Same object In the definition given of local buff. you with Remember that it was Stated. that the coexistence of the four Lymptony, resten, pain, hear and Lucling in any Accorde or organ of the body was, in general accompanied by a greater or less deque of fever, and that from this circumstance has arise the drituiction made by medical men, among the symptoms of hell and of heflam diseases, with there which are local and there which are februle or constitutional. By some it is counidared wiproper to five Atu Manne Leven to the Constitute and Legentles which accompany local heft but in auswer & this, we may remark, that the term has been lanctioned by long use, and that the addition of the term application to the which accompanies huff. whether it arises Sportaneously or is produced by external afacts, presents us in every instance from confounding the febrile symptoms arising from hifl. or other weal disecses, with there continuations or trains of diguttoning which are

produced by causes operating on the general Rysten, without in mercately earting hifl. and to which horologish have fiver the have of Ideopathic or primary fever. In the Serond place, it may be remarked, that the Lymptony which occur in typeforation or secondary fever, resemble there of ideopathic or princey fever to exactly, that, but for the local of fection, it would be infromible in many cases to distripuish there two classes of fevers from The another: and, in the third place, I may observe, their not only are the constitutional Symptoms which accompany refl. wicheded in the definitions which are usually given of ederpathic or princing povers, but we thate frid that symptometic fever colubit the Dane forms of febrile phenomena, with idio pathic fever, hold the Same course, undergo the Jame Changes, poldeds dirictor characters, form Similer species, and require the Same means of cure. In carnot be to offen repea Acd that the terms Fever in physic, and off. in Surgery are mere general abstract terms which so not denote any particular form of hift or februte directe. They are only used to enepren the occurrence, co-esistence and buccession of Whenomena, which by their

hartrular combinations constitute classes or den, genera, and species of haft and haffer diseases: and as no one form of haft. disease has a better claim to that affeltation than another, so no one combination of the squeptoms which constitute the state that has been senous at ed Fever, appears to be cocles well, entitled to that term.

In proof of the close and intuitale relation debristing between the State of Fener and that of local haple, it may also be Umake, that as local wifl. gives wie to constitutional fyresptows. to idiopathic fever, of ale third, in their turn, offen give rise to or at least are accompanied by local heft. affections. In deed local wife may take place in ale her riods of idispethie fevers, and in immerable instances deans to be the more immediate cause of the dangerous or fatal effects which To pequently occur he ale febrite affections. also whether of an idiopathic or symptometic Ried, determination of blood to particular Regions, and organs, and liable to occur and give rice to hemorhapy, from the versels open mig whom much dufaces. In there cases the arteries leaving into the places where the determinations wist, pulsate more though

than the corresponding arteries of the Lysten, and a State in Some respects resembling that of hept occurs. By town this state is denomi nuted a homowhapie effort, by others a topical fever. This increased pulsation of the arteries me only precedes homowhafy, but is continuous eth it, and generally goes of as the hoemorrhage ceases. It is denominated active homorrhop, to distringuish it from that which occurs from the accumulation of blood and diferting of versely without being preceded or accompanied in the proper by any increased pulsation of the artories. In the description of the febrile squepting which accompany heft. It is impossible to follow the order in which they occur, either with respect & the beal Symptoms or with respect total other, for this order is few from hering unvariable or uniform. It differs in the different species of high. diseases, and is, perhaps, hever precisely the Same in any two patients affected even with the Same Species.

In Some vistames of high the febrile Symptowns precede the local in the order of their appearance. We have an example, of this in englipelas, when the febrile symptoms offen take place in a very high degree, two or three

days before the local hift. affects. The febrile symptoms precede the local also in Smale proper measless, and in all the class of eruptime of exactly exactly diseases.

In much Juft affections arising from external injury, the constitute or februle symptomy mecer to the local after a district interval of time, in some ceses shorter, in others longer. be there cares the febrile symptoms would appear to be dependent on the local affection, for when the hift, is removed the febrile symptoms of theuselves, in general disappear There are how ever, it must be confessed, notered inju nis of a nature to very levere, as to induce the febrile at the Jame time with, or at least very soon after, the heal symptows of Suff. We have examples of this in burns, in very painful operations, in Lowe injuries of the head, and in lowe of the more Levene cases of compound fracture.

In other inflam diseases, again, as in those depending upon hell of the please and the peritoneum, there is reason to believe that the local and constitute hypothems are often simul tomeon, events, and that tometimes the one; tometimes the other class of symptoms takes the order of precedence.

The colours of the field by the said

I. The of the most obvious and constant of the constitut. Guestous accurring in hell diseases, is an increased action of the heart and arteries, widicated by a Strong full, and, in general, a pregnent pulse. This strong, full and quick pulse, is one of the most characteristic marks of digniphomatic buff. fever. Taken by itself, in deed, it does not willicate with autamitythe excitence of the pebrile thate: for it may be readily huduced, as you ale Know, by eyer cise , or by hedden emotions of the mindibut in there cases, as it is usually of thirt Mura time it can dearcely be Sain to undicate the actual existence of fever. It, however, the increases action of the heart and arteries continues for home time after the upercise has been discontinued, or the unotion of the mind has passed over, we then day that the person has been thrown into a fever or that He febrile State wists.

he inflam. Riseases, this wi creases action of the heart and arteries may consist in an increase of theoryth, as well as in an increase of pregneway in the contractivity of the heart and arteries; or it may consist in in crease of the frequency, but not of the thought of these contractions. In the former case, we

the same of the sa and have a fitter than them as the time the water a se Lay that the fever is of the heft type, or that the photogritic, or thenic diatheris prevails: while in the latter wistance, we pie the name of typhois or newous fever to the constitution bysuptown, and in Speaking of the general state of the body, bay that the asthemic die thesis prevails. The februle dynaptown, which accompany local duft harbable some orless, as has been remarked, of the character or hype of particular idispathie fevers; and it is this deference, in may be observed, in their types, or characters, which occasions to such district with regard to the nature, and he much much with regard to the nature, and he much uncertainty with regard to the heathers of februle diseases.

four of disease, otherwise and astheries two things of Remedies strindant and debilitating! that the widication of cure of the otherie dialteris is to similarly and there is a string, that the excellence and that we much go on doing to tile that degree of excitement which is a medium between the netremen, and stutable to health, returns, may afreor to you a doctrine as except in its tendency as this simple in its views. But opinions in practical medicine so very universal in their application

and to precise in their statement; althos
attractive from their apparent builticity;
with come to occupy our attention when we
obterne diseases as they occur in nature, the
wariations produces in them by the disturbance
of different organs and fruitions in the diffe
bent individuals affections, the countering
discations which to pregness, the countering
on the heatment of them diseases, and the in
frinchely disessified effects which result from
the same articles of food or medicine when as
ministeria to different industrials, or to the
same in dividual in the different periods of

The because of warmth in the Mine, or of the temperature of the body, is another constitutional symptometric Suff. Flower. This is hubably the first tymptom of fewer which attracted the attention of hausthind, and it is that also from which fewer affects to have fol its name. To be but and feverish are title in common parlame refusions nearly depressions. Increase of warmth, which never excess the tour harden of the blood idsaining from the left war trick of the heart, probably depends, in the commencement at least of fourer, when the

continued to receiving a restrict the second and the state of the second there will your selfer than after a to the

increased Rapidely of circulation pullules by the more frequent contractions of the heart and arteries. It is often the Lympton which is first observed, and may occur without, the it is generally preceded by a cold Stago. If deserves to be lemaster, that a very unequal distribution of blood, and of course of temperature, prequestly occur in fetile affections. They the Shin is cometime, con When the interior harts of the body indicate a considerable rise of temperature, and one require of the body, as the feet for example, may be cots to the touch, while the hear, or town other part, egraley or even more seporto, feels uncomments worm. In their irregular ditibu tions of blood, therefore, we observe two Hates of Vascular or enterial action, one of which re. Sembles hift in the hear and increased pulsation and another thate, which is the very reverse of this in which the capitlary versels are per

TI Divinished perspiration is another equipment by which the State of Symptomatic, wife. fever is usually ushered in; and hence this State we day that the Shir feels dry as well as that.

bably much driverished in lige from the contrac

CALLED STATE OF THE STATE OF TH to see a see facilities of the see as

But, this not to be considered as a symptom essential to the secistence of fever as of. Bullow disposes, yet it occurs befriently offen in significantin, with fever, to fishity us in classing it along with the more constant phenomena of that disease: one the restoration of the perspiration, it many be demanded, is almost in every wistance occurpanied by the absternant of the other symptoms of fever. It is with a view, therefore, to produce this, effect, that we shale afterwards find diefshoreties have been so warmly recommon that, and to prequently used among the meany of once.

The perspiration is not the out, heretine which is duminished during the continuous of the between the State. There is great reason to believe, that ale the other secretion, of the body are similarly affected. The flow of valiva, for wishand with the mouth is duminishes, and where decenting has on the huface, or with the internal canay of the body, are dried up on an attack of fever. The write is not only diminishes in quantity, but it chemical proper ties appear to undergo considerable attention. This of high color, of deposits when Chambring we laterations serviced, or wire acid - a phenom

nomewow which it almost never faits to eachibit, the moment the fever is beginning to abate.

IN. The loss of appetite, nausea, and woniting, which occur in apprehentic or other fevers, are herhelps also to be referred to the hippression of the decretion of the pastic liquor in the Stouch or to some change induced in it, qualities, by the presence of the fever. Want of appetite and have been are among the more common and constant typhon, of sever: but the vouciting which is occasionally excited, his ball, depends for its cause on the quantity of food remaining in the Stoward after the communication in the grantity of the attack, or after changes induced in the quantity of the store and other flinds secreted into the aline tary canal.

Aprepton of tener. Taken along with narra and loathing, it is one of the best prides we have in prideing of the State of the almentary cancel, and in enothings, in most instances of fever, symptomatic as well as idispathic, to deter mine with much accuracy, whether the pathing is littly to beceive most herefit from annich or negetable mourishment. I furred torque with in most diseases be found to be as natural

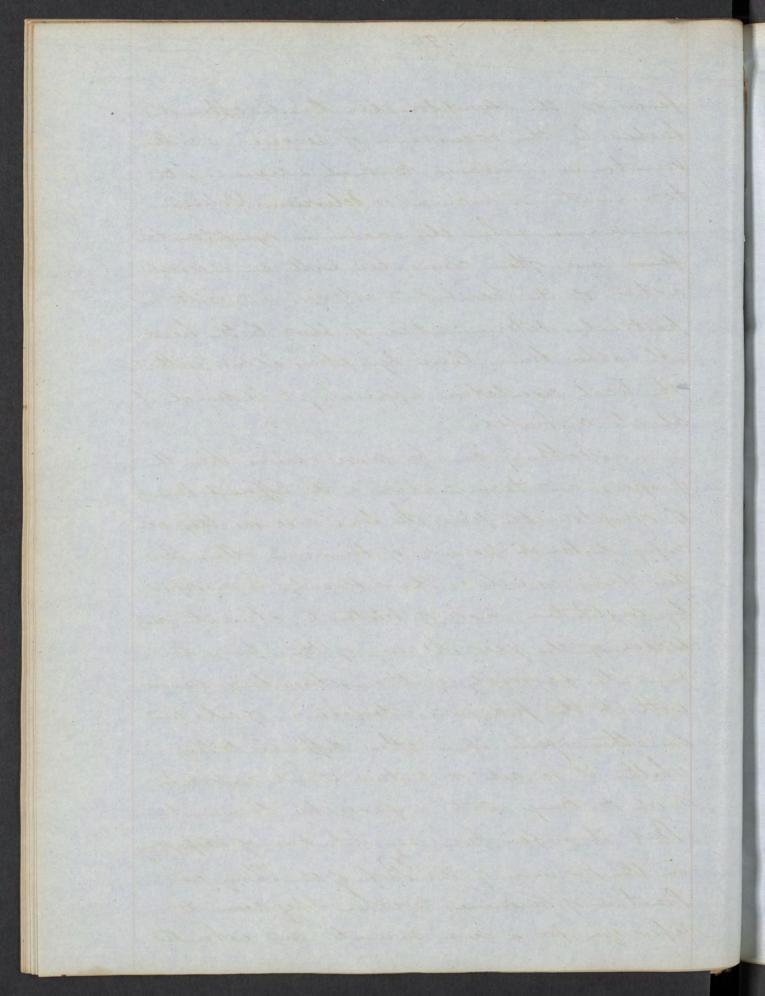
a Lympton of der augement in the digestive organs, as an increase of strength or progressey of arterial pulsations is to be regarded as an in dication of the strength and number of the hearts' contractions. The fur which covers the tongue in februle diseases, occurs chiefly cont the midale and buck parts of this organ. It is of a whitish, yelion or brown color, variable however in shade, and of a firm consistence. It does not which of being wholly becaped off take as the fever abates it comes away sportemens by. It is not easy & account for the origin of this crust: for did it arise extricts from a charge in the nature of the Salice Secreted, in Head of being found on the upper middle and porterior parts of the touque, we should find it incrusting the whole internal parts of the month. It is probably secreted, therefore, from the pefille to which it where.

V The head-ache, havin of the back, ampich, and restlemens, which occur in hymptomatic fever, are most probably affections of the hervors hystom. They been to be almost essential hymptoms as they are husuit in a preater or less degree, during the commencement and hospies of almost ale fevers.

The intellectual functions also are, in

fevers of the Symptomatic Kind, offen dis burber by the occurrence of reverie; and this boundwies in creases to hele a deque as to ferminate in marina or believieum. Delivium and marina, when they occur in hypotometric fever, are offen course sted with an increased action of the heart and arteries, and with a hearticular determination of blood to the head. The other brins, there hypotoms accor, without the local circulation afpering to be hunch, if at all disturbed.

Nothing can be more various than the propers and termination of the different ling of hymptomatic fever. he love diseases they oc cupy district period of time: in other their duration, as well as their levelity, is modified by constitution, mode of heatment, chimate and leason of the year. Many of there bever ter minate favorably of themselves, home never without the pedicions interference of act, and in other again it is offen difficult & Lay, whether it he art or nature which contributes most to bring atrit a favorable termination. But it is for from my intention of trespossing on the province of the Not of the Theory and Practice of Medicine, to whom I beg leave to refer you for a more minute and entented



consideration of the Lymptons widicating the presence of Lymptometic, and hars on & the invertigation of one other circumstance respec tring local wifl. diseases which requires our Serious attention. I allude to the particular appearance which the blood eshibits, after it has been drawn from the veins of patricula affected with this class of diseases. This afe pearance, the appellation of which at least, must be familian & you all, has been long Moron by the name of the Inflamou atory crust, or Buffy coat of the blood. The blood undergoes derions changes in the part inflamed and by a constant because of buch changes. the whole fluid comes at length to be altered alund to the dame netent, as that portion of it which has fish emerged from the seat of local action. Draw blood directly from the part, as well as at a great distance from it. and the two fluids with webit hearly the Same characters of change. Its coagulation is generally flow, and results in a clot unusually deuse: horrow ded by berum, apparently in creared in quantity, because thoroughly oquero out of the bolid mether. In the ctst the febrie and colorless "lymph globules" increases both in quantity- and in tendency to aggregation

and the place of water that the same of the

go together: Separating from the ded corpusely, probably diminished in humber, but having also their tendency to cohesin augmented; the red corpusales occupying the lower place. the fibrie and lymph globales the apper, len dering the huface of a yellowish hue; and hence to much blood the term buffed" is on Ariarily applied. But the increased aggre gation in the fibrie, not only leads to the Ration from the red corpuseles: it causes con haction of the buffy layer. The contraction being centripetal, the circumsferma of that layer leaves gradually the holes of the recipient vesel; the weight of the general clot at the Same Fine dragging on the centre, a hollowing of the februious herface is effected, and the blood is daid in consequence to be buffed & cuffed? The congelium is usually in the form of an ovel, truncated at both instremities, with its lase breader than the top, and often a herent to the bottom of the vessel. Slightly buffer, the clot is usually cylinderical, and floating.

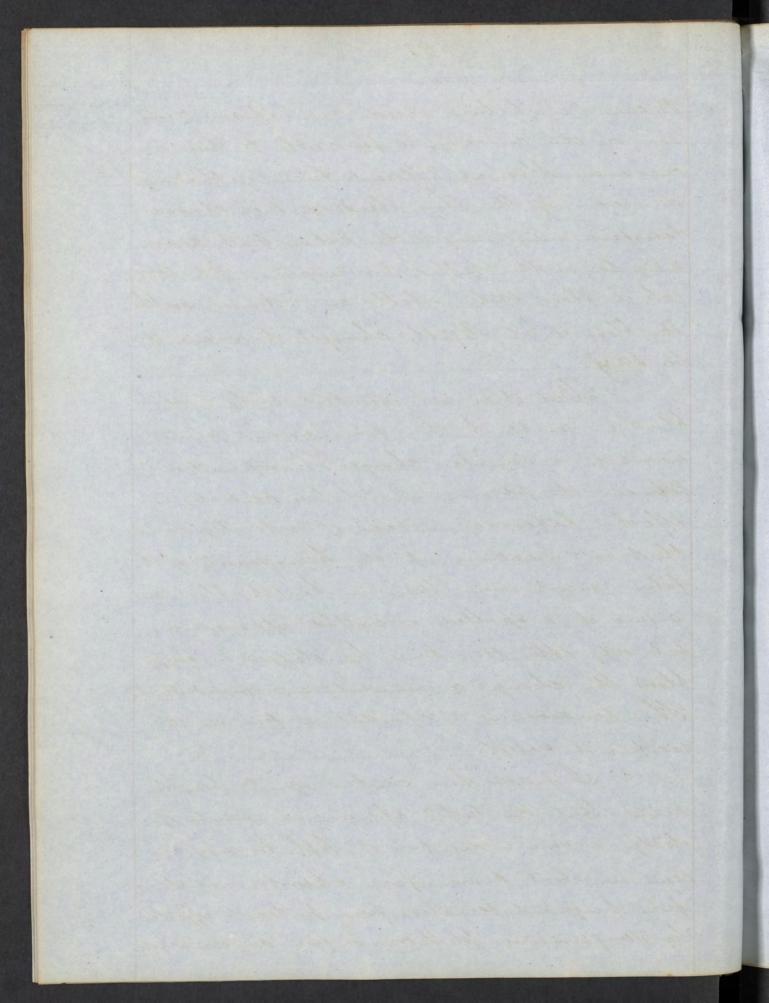
Such are the appearances of heft blood thrown in hian. If it be taken in a fall thream, in a deep versel, eneposed to warmth, there appearances are favored: a tring trickling

On to decket, the consequence of the layer want in him of it to to the en

Theam, a Shallow vessel, and exposure bold, are, or the contrary, unformable & their oc corrence. Also, at different time, of theoring, and even of the Same bleeding, tack charace territies may vary: the portion first drawn may be weither befled nor capped, while that which flows last is both, and intersely so the better flows that is both, and intensely so the be Hood is het slightly charged, or is daid to be "tory".

blood in mass. I thin film, as on a plate enclosity a similar charge. The separation between the fibrin and colorless harticles is effected laterally instead of vertically, as in the mass: breaking up the homogeneity of the film, much more than in healthy blood, and giving it a spotted or mottled appearance, but only after down think has elepsed: in buffy blood the change is immediate and most district. This renders as independent of four in the recipient vessel.

I must here cantin you to bear in mid that the heffed appearance is not of thelf a dure indication of hapl. It may be seen in blood drawn from chlorotic as well as from pregnant temales: from patients affected by sangineous plethore, or from any one whose



circulation has been much accelerated, asby wishest eservice. And, on the other hand, are there will exercise the theory that an active and much service the the sould the ording the present, white in the blood the ordin many help, characters can be but fairly traced. These are but the loughtwis, however, strengthering the general rule. Set exceptions ale without to the presence of the helps could wish as white the presence of the helps could wish put warrant him in reckless expensioners of blood, menther with its extreme during worker cy of other symptoms of helps be a helpsicial course for with helding the lauret.

Again, both the huffer and capped affectives, many vary co contring to the technic windowed. Pervertes vasualer action in the places, as in therematism, which a frequent presents a high deput of change, while a much more from date action may be advancing in the perembyune of an internal organ, the change of when blood is comparationly trivial. help, of a lerous membrane gives much of a help, cot; less with come from a higher action in a summer membrane, and in the lift arising from astain mortis possous, as planters, or in the course of typher, severy when the blood having

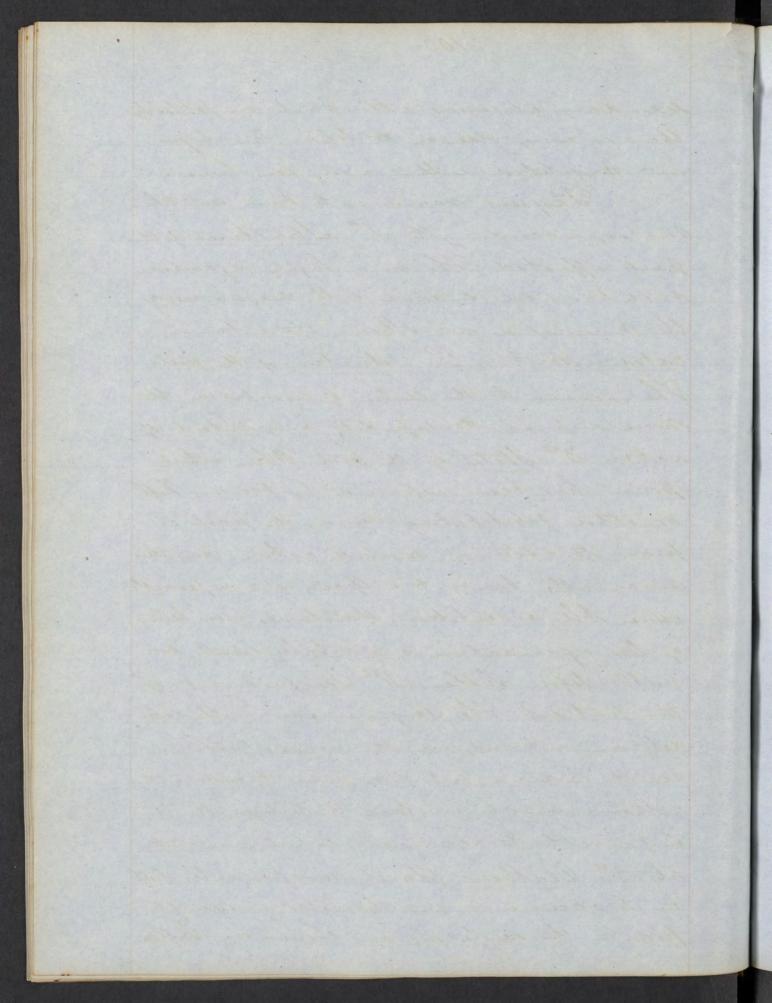
The second section of the secti SA A CONTRACTOR OF THE PROPERTY OF THE PROPERT look its withel qualities, searcely wagelder at all.

What is the wach physical condition of the blood, to which the triffy coet is owing? This is a question which has received many discordant auswers. It was formerly said that blood which eshibited the heffelow gulated very Horly, he that the red partieles has time to till, and leave the apper her face of the clot colorless. Hunter heppored that the gravity of the led particles was in creased, this which they south to the bottom more quickly them in healthy blood. The following, however, is the much modern account of the pelyech, which has been advances by det Whaton Jones, as the result of his microscopic examination of the blood. In the coagulation of healthy slow the following Ish en on ena are observed. First, the red globules, by a mutual attraction, unde themselves into rolls, which for healt up wito a Buil of sporgeworth, in the marker of which ale the liquor languis is contained; then, the fibrin of the liquor Sangericis solidifies: and, lastly the spongework former by the blood plotales con hacts itself, Squeezing out most of the derum from between its meshes, but utaring the fibrie.

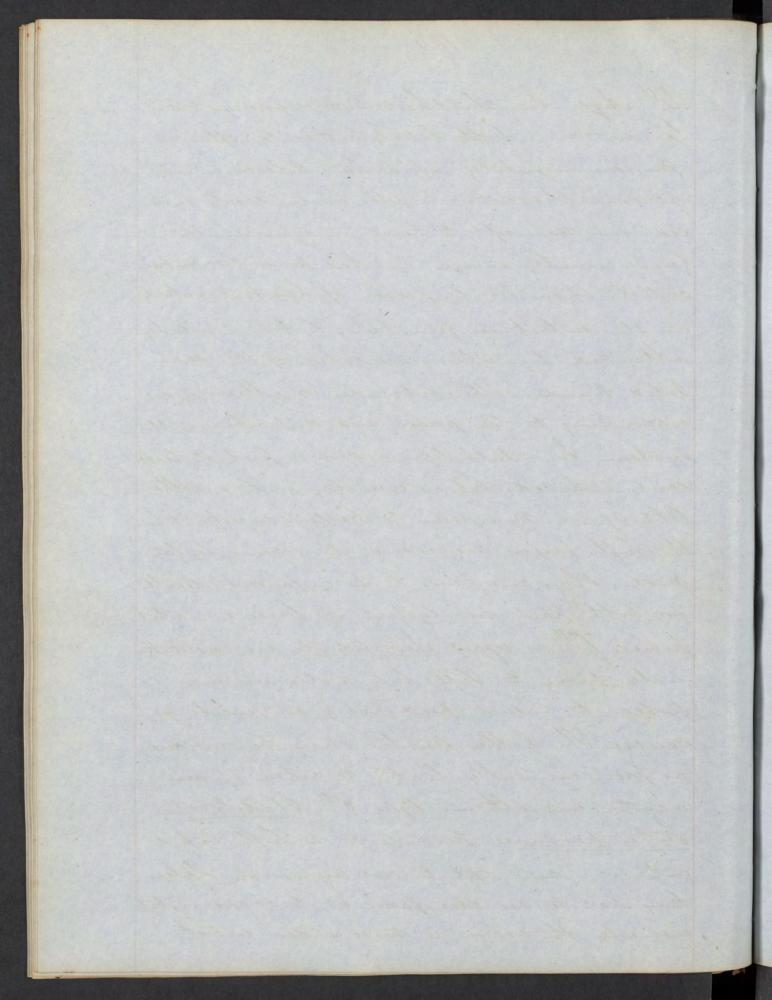
In Shift blood, on the other hand, the altraction of the red globales for seed other is preatly in creeses: to that they form themselves quickly with a sprogrenally which guickly contract, and furth towards the bottom of the versal, squeezing out town of the lignor languaries from its mesher; before the latter has departed wito her un and fibrie. And this liquor sampumis, to be harated from the plotales, forms the therish white layer which is well thrown to appear on the surface of suft blood soon after it is drawn. And it fibrie which it contains being deposited on the surface of the sprope work, formed by the globales constitutes, the

Severely speaking, lapidety of propers and intensity of action are phrases nearly symonymous. Sometimes, the process is being gradual in its advancement: legunsing, as in the example of the Naccine pustiles of or 9 days for its completion: and many coting are yet more protracted. After a wound or other me chain cal cirjary, the process is an mally complete and imprevation established by the 20 or 30 day. The day or less defices for the occurrence of sufficient the decurrence of sufficient the cases of phologonous englished. And the

becomedary absences attendant one philetilis there is every leason to believe, are begun and congleted within a very few hours. Thopens varies as to true and che actor, according to 1" Structure of the hart affected. The more highly organized, vascular, and endowed with hervous energy the more rapid and otheric the actioncateris purities. 2? Situation of the part. The neaver & the centre of circulation the Chove disposed to rapidity and without of action. 30 State of the part. When witch power has been inpained by previous heft. or other debitituting cause, the hart is prone to addine morbid action, and this wir ariably tends to a Speedy and impavorable istue. All adventitions structures, also, being of low organization, and vitally weally som yield before Sutlam. It Temperament, of the patient. The Janquine favors both rapi dely- and intensity: in the nervous action is readely induced, but it is home to assume the artheric and chronic form, the Isble pratice is empavorable & occurrence, Rapidity and inter ht, 5th Diatheris planily modifies action, both in its occurrence and character, as exempli hid in the serofulous and theunation haflan.



6th Age he chitchood and wifancy, vasue lar action is both littlely and acute: often itsproper is futaly rapid. In adolescence, itsgeneral cheracter is also acute, early inder ced, but not aph to fend disastrously, then being usually enough of what hower tomunitain control: their hor by reason of habitual activityin the mutative function, action is usually attended by copiois condation of the some Polix Kind, either februars, or albernicas according to the power and dishorter of the System. In adult life, active is probably less easily widnesd, but is usually acute and there. Old age is more prone to pallive conjection; when the heft procen dues occur. It is generally law gried, How and tens to an impavorable result: for both park and lyther an lowered in withet power fi as regain Des, females are constitution naly home to hift: but males are more ex poled to Casual hudishoring and exciting causes. The latter dep too, may be considered as pre- eminently liable to action of an acute and Athenic type. 8th Habits of butemperonce pudishose to hift rapid intere, and aft to end injuriously. Seden tury habits are also forwardle to accession that servely the action is more under control.



Privation, winderstary or atterned is unfaborable to acception, and a drin is usually
chronic and artheric. It Atmosphere and
season are selated to Pafe. Int also as make
rially influencing its propers and type. In
evil atmosphere impairs the vital powers
and to favors the omnaw propers of morbid
action to a rapid and unfavorable issue. In
lette manner, an unhealthy season, fully
tridicates its title to the have by its
within the substitute influence on Influenciary
as cele as on other forms of discusse, as
the history of ergspelas, when spidenic,
abundantly festifies.

Terminations of Inflammation.

Suff. has only one generic result or Sermination, in amely resolution, or recovery: the winflam, action hubriding and the park returning to its former state; but beside desolution, it may either of the following his terminations or effects, or consequences, as they ought rather to be called. I Abomorhage. It Iffusion of Serum. III Effusion of fibrin, or of compulable lymph, which when organised produced where where the formation of a peculiar fluid called put, closely allied with which is the change called lamollistement or toffering. V. Allceration the disappearance or removal of an Haft part.

The must be understood that except hoppination and adhesion, then effects may ale be produced by other causes besides hiff- con gestion, in particular, may course how orderse, Serous effection, alceretion and gaugeene.

he resolution the effection of hell.

Intride nearly in the Same order, as in their

development, they deb in with, and the directed

part reverts to its natural condition. The pain

drininishes or disappears first: in the Same Reper

the femper cture and dedress lessen, the Levelling alone often remains for a Still longer time, till the absorption of the Lerons or albuminous fluid powed into the cellular tistue is effected. We hope for this result when the hift. has not quielly run on & a great witeut, the hair neither particularly severe nor throbbing and when the fever accompanying the hift, ter minutes quitally in perperation and deposit in the wrine, and it is to that to which treat ment is usually directed. But, let it never be forjother that not heatment must be early as well as Suitable and active: wasmuch as this could can only be hoped for white the action is yet beneath the uflam. acmi. That once reached, true resolution - that is restoration of the part as regard both structure and function, to its original and normal thate - is impossible Resolution may be gradual or hadden, sportaneous or artificial, in perfect or loughtetes the more early and slight the action, It more littley is the resolution to be dapid, sportaneon and prefect.

Resolution is Ritinguished from the disappearance or realting the Délitescence of the French of Puff. which is, in general connected with its limitaneous or speedy development with the discultances or there there than I have to

in another organ. This recession depends on the mecession of an irritation which is more severe than that which Refit up the earlier heft. It is often merely a state of changed vital activity, of increased lendility, which produces the semoval of the heft particularly it it be heated with repelling astringent serve dies bestain Inflans as eryspela, and cri tical Inflam. have a peculiar disposition to recede, and are often followed by establishment of the heft his cers in a derous or much men brane, or wer in the helst and of an inportant internal organ; and buch change may be fatal. The process effecting hobridance of the original acfrom, and establishment of the her, is termen Metastasis.

See testasis may be only apparent Offen disappearance of an external haple is genichly be ceeded by hapewentin of an internal: and the latter is rightly held related to the former, as effect to cause. Met mot empregnantly we may have the two circumstances contempora never or nearly to, with their relater reverses; the internal disorder proving the cause of the later disorder proving the cause of the habitance of the enternal - the less mayor in the greater material.

The process of resolution has been well

attended the one had charge and higher white of the enterest of the winds as

described by Dr. J. H. Bernett in the following words. " I lesolution or absorption of the excedition may occur in various ways, and follow any of the transformations of the equidation except the one which converts it with permanent tissue. The early phenomena find disappear: the capit lavies recover their contractility: the altraction between the blood and the parenchyma ceases; and the blood within the versels begins to oscillate, and at leight flows in a continuous stream. Secondly, the essential phenomenon disappears, no further conduction table blace, and that already fromed out, is absorbed. The occasionaly, the larely happens, that the excela two does not congretate for some time after it is equiled. Under there circumstances when the early phenomena terminate, it reenters the vellets by endrismoris, unchanged. In the majority of cases, however, it congulates, and once dendered tolid, it could hever be absorbed without the occurrence of changes, by which it is again lendered blind. This is effected by the formation respecting, disentegration or he cay of mucheated cells, whereby the coagulated esudation is or Ren up, made toft, pultaceous, and diffluent, and at leight abouted. By this process exude Fin poures out with the lung or train, gradually

leter the there is the providing only atollate as a colonyte that is a contrain to done the de The way about by the founds

disappears by the production of heth. hoften. ing. On the Lerous hurfaces, the flerid and brother down corpusales are absorbed: but that portion which hatter into permanent organization is transformer wito febrow testue, becomes covered with a smooth membrane so that the fune trois of the organ are but disturbed. Abscures when resolved underfor a Similer process. The purcells instead of bling exacuted an brought closely together from the absorption of the more fluid portion. There are gradually bro Ren down, the cell-walls are distolved and the whole is reduced to a molecular matter, which be enter the versels and thus complete resolution is produced. The disintegration of hus corpusales previous & absorption is eminutely favores by the pressure which the abscers receives from the contraction of the fitamentous and elastic tissues which form its wales. It is hobothealso, by wiceasing the contraction of the integra ments, as well as by lemoving fluid from the neighbourhood of the part, that irribants. blisten, and canteries are to beneficial in the resolution of absentes. It is hogested by Line merman, that the formation of an acid, as the lactic, in abscure, when fully forme, favors their discutegration.

The town the related to theretot and the

As to the question " What be were of the moleular form which de enters the circulation? lue may thate, that the observations of Several German physiologists, more especially of Schon lein and Limmerman, have thrown much light upon it, and determined that the changes Which the wrine undergoes in acute. The flam diseases bear a relation to the absorption of epuded blood plasma in internal organs. Thus, in a case of preumonia, Schönlein pointed out that the disappearance of dutuess was accompanied by a turbid that of the wine, which contained a large amount of molecular fibrin, and was also highly coagulable by heat. Limmerman has recorded in Lances where the tubidity and coagulability of the time bore a marked relation to the diministrin of hut perative hvellings he down cases where pure lent matter was apparently absorbed, he has only observed that the write was congulable from the presence of fibrie distates in it. Here it is concluded that the molecular of the brothen up equation, after circulating in the blood, are freemently elin wicted by the Ridneys, and make their exit from the tysten by the wrine, bometimes entire, at others in a thate of bolation. Occasionaly the esces of phrin

course that place or who is appeal the here to wear my sugar they described in the to the may be eliminated by the Mir, lungs, and bowels. In all cases it constitutes an in portant hympton of the crisis.

I Hamorrhage. When the process has approaches the true Inflam. crisis, we have seen that the al teres wascular coats are apt to five wayspermenting the contained blood - liquor languinis, and res cor purches, in mass - & escape more or less opiously. It this occur or the herface it is called Hernot Chape if, in the interior betravasation. The former must prequestly takes place in wifl. mucons membrane, the blood escaping by the humans outlet, and is not to be stably checked, was much as it generally tends towards a beneficial result. The emplicated versels are not only relieved of put - it may be the greater part of their burden, but a general resolutory effect may be obtained, as of the flow were an artifi cit one for a view at the hew of the arm. he had cere, a practitioner moderly called must take care not to happore that to be of itself a disease, requiring inveriate arrest, which is actually a means of cure directed against advancing inflam. requiring to be watcher, perhaps favore, but only & be arrested when threatening to become excessive. Men, however, bu hemowhere takes place

with an interned cavily; it cannot be too from arrested, and we would rathe present it al to pether of prosible, deening that its presence buth and pressure many exacte action of a thick higher prade, or seriously interpre with the functions of meightouring viscens. In the chambers of the eye for wisdom a extravorant from may hung or action to alturate disorgan vaction of the eyeball; in the cavily of the peritorials may be hopelessly afgranded: in the peritorials may be hopelessly afgranded: in the peritorials we have been by action may be fataly overborne: in the brain, or its meantranes. Come by compression is established.

Retransation is dellow but injuries, and therefore at all times to be avoided. Oc curring in an internal organ, it occasions deriving consequences, such only by arrest and in pairment of function in that part driet, but also perhaps, in others adjoining, by pres here made a them. Occurring enternally, it is unfavorable, as in directing a high grade of action, bushing up tensture, and pavering the way for hepperature.

Alemorrhage, like levous effesion, may be a consequence 1th of Suff. and excitement: 20 of Obstruction & the return of the venous blood; 300

theires of the blood, as in scurry and butiel fever. The first four is called action, the last two passive.

Afterine hemorrhage courists in an escape of actorial blood from the capolitaries, which are heart probably reptured by the distention can fer by the acute heft or wirlent excitement: an more or less of it doubtles because wievery cake of violent heft. In occurs during the formation of about in the cellular tistue and in the liver. But the most common keat of wiflam hemon. is mucous membrane, especially that of the lungs. The principal wistances of it which fale under the perferis care an epistasis or hower, from the hote: homorrhois, or home. from the rection: howover, for the wethere Muring gonowhren, and for granulating wound, It has also been known to occur from the conjunction: and sure lastly from the pleure, pericandium, and peritoneum.

from that which is the result of conjection or Ability by the presence of local pain, heat, and throbbing, and of a febrile thate of the pulse and tystem generally.

Fiffusion of Serum. Uffusion of Lerum as a lo cal disease is generally husdress eether by obstuce tion to the acture of venous blood, or by hift. Of hifl, it is the earliest and sunt contacte of fech, occurring equally in the interstitial cellular fisher - into the parenchyma of organs - from Annews and Lerons hurfaces, and from the thin. If it is followed by any of the other effects of hell. it is always more widely entended than they are. But it may be the chief or only effect of heflaw. as in acute droppy, which is an example of an inflam that rapidly producing serves effesion wito the cellular tis he or great cavities. The Serum is there cases is always of greater specific gravity, and contains more albumen, than in droppy from debility. In patients of a lay, flatby habit of body, and in parts of loose and cellular street tere, inflam. always produces more of this ef feel than in there of a firmer tersture. After heft in any part, home degree of redema is aft to lemain in consequences of the distention and weakenes tone of the copillaries: and of the habit he wealt, great redence may arise from a very light cause as a blister. It must be heated by flaunch

or other bandages, gent le friction, cold afferien

and statute is generally hard as sailed to ratio

Sheat distention of the Intentements firstness by hercum is very aft to cause Houghing of laye patches of the Min, by mechanically interrupting its hippy of bloods This should be presented by mething memors punctured with a needle, or friely pointed history, and allowing the server to oose out.

Under the term Oederatous Inflammentin Hunter describes a peculiar form of hiff. termin acting rapidly in herors effusion, which occurs in those who are affected with dropsy, or dis poses & it. It mostly attechs the lower extre mities: the helling is bright red, much differ sed, very tore, but not throlling. It is very aft to terminate in bloughing or appuration, but not asherin, and is the frequent cause of large where on the less of the dropsical. (a) It may be effused in the interior of a part; occupying the fileso celeular tistue, and constituting Acute Dederme. The attendant Lypup for an pain, heat, and reduces, proportioned & the amount of action: the hocking varies according to the wetent of effusion, and matun of the recipient part: of the latter be unyielding tension cesues, with increase of pain and ac celevation of the action ouwards: but usually

and attended to the same character

the hirrorm daing feetween are accommodating the hereling is found toth, when compared to that of fibring as character, and, yellowing before the fringer by temporary displacement of the lerum, is daid to pit on pressure. This pit. truing, however, is much less district in the steate them in the Chromic dedema.

(b) The Serous effusion may be from the hurface of the part; where it flows harmlessly aways as does the ordinary Lecretion in health, as in the case of the Mucous membrane. Or it are cumulates within an internal cavity, as there of the derous membranes; constituting Acute Dropsy of the part: the bulk, uncerview, and disdurbance to healthy function by pressure, and disdurbance to healthy function by pressure, warying a conding to the extent and rapidity of effusion.

Scale effusion of Lerum, whether in the form of ordered or dropsy, usually disappears doon after decline of the action which produced it, by the resumed and in creased blay of the absorbents. Herein, again, it differs, practically, very much from the result of behrowing borgathin. Fiffusion of Fibrin, of plastic fibric, of conjulable lymph, asherin, wherein inflammation, union by the first intention, for their are all syrong mous terms, word by different authors to express

con except a contract of a state displantance to devilethy from the it persons it is the revision of the contest they will be

the same condition of things, is a process in which the bibrine of the liquor sangunis is effused, organized, and converted wito tome of the morned tistues of the body. It is the means by which wounded and fractures parts are uni ted - by which lots of buttance is restored, whe then produced by vijing or disease by which cepts are forme for abscesses, so as to prevent the diffusion of hus or other mortide fluids this' the celeuler tissue - by which wounded interting are glued together to as to prevent the netravasa Fin of their contents, and which in disease her duces thickening, wasolidation and hyperthe ply of organ, and obliteration of their carities. Men first effered, the bibrie ablears to the naked eye a toth and gelations was of a yellowish white or puthish color. It find it is very rott, or about diffluent; but it gra Anally victeases in consistence, and againer a reticular testure, containing serum in its merher, and when Squeezed between the fringers it is compared by D' Carstelle to a man of cobrels moistenes with witer the mi crosespe it appears composes of a humber of very this transparent fibrils, Euroring in a Thought and parallel directions and having nume row very made molecules interspersed among

amongst them. There molecules their their own what forces, collect themselves with groups of muclie, which be one converted into cells, from which the fature tistue is developed. The fibrin soon becomes permeated with blow weller, which convey the meterials for the future mutation and protte of the tester wite which it is converted: and there are, most per belly, former as in the embryo leg the develop ment of celes which ofen into each other, in Continuous lines. The fine within which re Cently effer wo fibrie may acquire vascularity. varies according to the vigor of the constitution: Dir. E. Home relater a case in which home lyuph, effored on the herface of the peritoneum became vasalor wethin 29 hours; but in fee ble hebits, it may require some days.

from the Lerum: but hore commonly with the terision, in the form of liquor languinis, or confulating lymph; the latter term devioling its peculia per perty of assuming the volice form by congulation, When notice—vascular. It is the result of a higher define of a chim them the purely becons effusion: and may be regarded as the characteristic per dech, of the Jeens stage, of the Tuflam. process.

Fibrin appear capable of being converted with almost any of the tistues of the body: the Convertin in our patialar care being deter mine by the hurface from which the filrie was effered, or by the function it is made to perform. Thus, if a bour be broken, or infl The effered fibrien with be converted into bone. If a bone die, or is abstracted, this the lyugh efferes from the hirrormoring parts, from bone, muscle, fascie, cellular trisice, indicimi nestely with be come bone. If far in the case of enreduced dislocation the lymph is hefich to frequent hutin, part of it with be conver As wito bove, and part wito ligament to as to form a new fourt. But there are tistues which cannot be replaced: and then the lymph which they decrete is transformed wito some other Listue, which occupies a Similar please other annich. Then, muscle cannot be forms wer; but, of divided, the uniting lymph will be come ligement, or deise forcia-like cellelor tistue, which occupies the blace of many muscles in aminals of inferior development.

Author are capable, if divided, of being thus united by a tissue similar to thewselver, if and of being to a cutain wetuch restored, if

los of facilities and the said from the order of the said was the first form the second to the second

partially abstracted. But complere organ, buch as muscle or gland, do whenjog this faculty. All hereby former tistues hollers certain Common properties. They are less vasuelan and less endoned with vitality- than the original; they are more prove to run wito disease during Mates of constitutional cachery; as for wistone, in Seuroy, old cicatrices have been Burn to buch out afect into alcer, and oto fractures to become disunited: and they are little to thrink and be come atrophica which is especially the case with her collector tissue for even (as in the case of pleuritie and perstoned wherein to disappear altogether. A care Mustrative of this is recorded in Autrali. Tathol. auch, when in examining the body of a Madman who Vol. I] has stabled huiself in the abdomen, tifteen different times during his life, the parts near the much recent wounds were form unches by Corriderable false membrines: at the literation of home that were other, there were only a few thin cellular whis ions: whilsh, at the offest there was no trace of wher in of false men boance whatter.

herine heli mucous membranes quite the resense, afforming us, another illustration of the window

Colone man being an engiled the

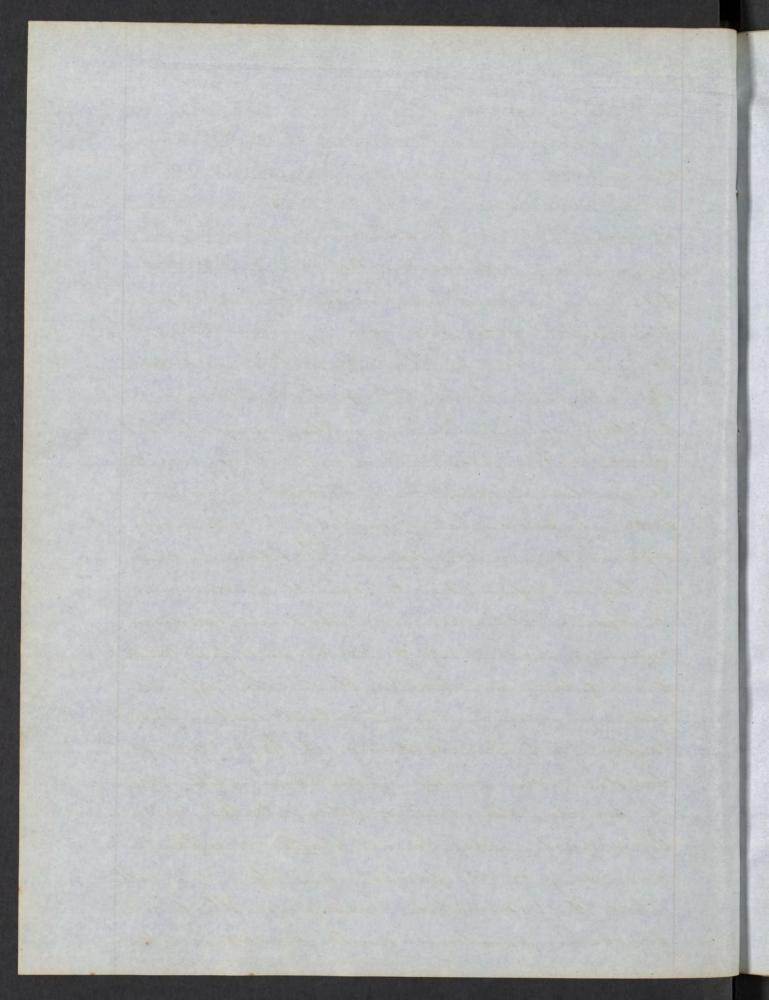
of the inversif hand of chature, as were hed the case, we thould be constantly in danger of having the humans outlets to the body closed by the Hightest attack of hell: but if two about and inflamed humans surfaces are placed in appointing and left and trubed. They may sometimes adhere - as sometimes happens in the vagina of female chitoren; in the of atterior of hertitates and in the uncters, and biliary ducts when about ded by the haldage of celculi.

When atherin occurs for the hornal hurpore of reparation after injury, and heacers favorably, it is attended with a very light amount of hell action, with me pain, and we heat; its feet, of their be more than a certain degree of escitement, the lymph effect with be broken wife by pech to wations has with be formed and the process of reperation must be commences one by means of granulations or, as it was formerly calles union by the Lewis intention. Hence I' Macarthey and others have deviced that atherin is an inflam process at all. The process however, is essentially the Same - namely, increased attraction of blood, and exudation of lymph, which becomes organized whether a companies with densible pain

president of expending after engine an house to total the to their mes than her with Execute a commence in the secretic paint

and heat, or tut.

The efferin of fibin may take place or the huface of a part: as on a lerous membrane, or on the margin of a wound. On coagulation, the serous portion trickles away: the pibricons remaining, in the form either of a continuous film, or of masses more or less detached, at post transparent, afterwards been wif yellowish, and somewhat ofrague. Shouts the action now hetides the absorbents find the effusion quite amountle to their renewed play; and they remove it; But of the action persist, and got not have leached the inflammatory crisis, absorption does not take place, and an offertunity is given for organization of the definit. The fibruious mans or layer afferates to form the rudinals of organic structure: viz. fibrils and exudation confunder; according to the general law towhich meh februi is obedient, that, when effected from, and remaining in contact with a living testine but that, inflame, it has a chong Andewey toward left-organization, alleming He himple thuckure of fibro-cellular tistue. It is consequently terms plastic or explistic according to the facility and efficiency with which had Structure is absence. The fibrils, Sometimes parallel, usually cross such other



ment, in the merker of which are the confuscles. There latter are, at first, in apprecation or granules and moderates, in detaches forms, turned "epublishin capusales" hitrogreatly they change with the form of the rudiniental celle, with central meles. Perhaps the action now librides: and shift the effusion is lieble to be absoluted; but is probable that, previous to absolption, and amp iting to that process, the organic formation is emidone, and the fibric reduced to a fluid or femiflicial consistence, or in the ordinary at touthing a decayed riprical teachure.

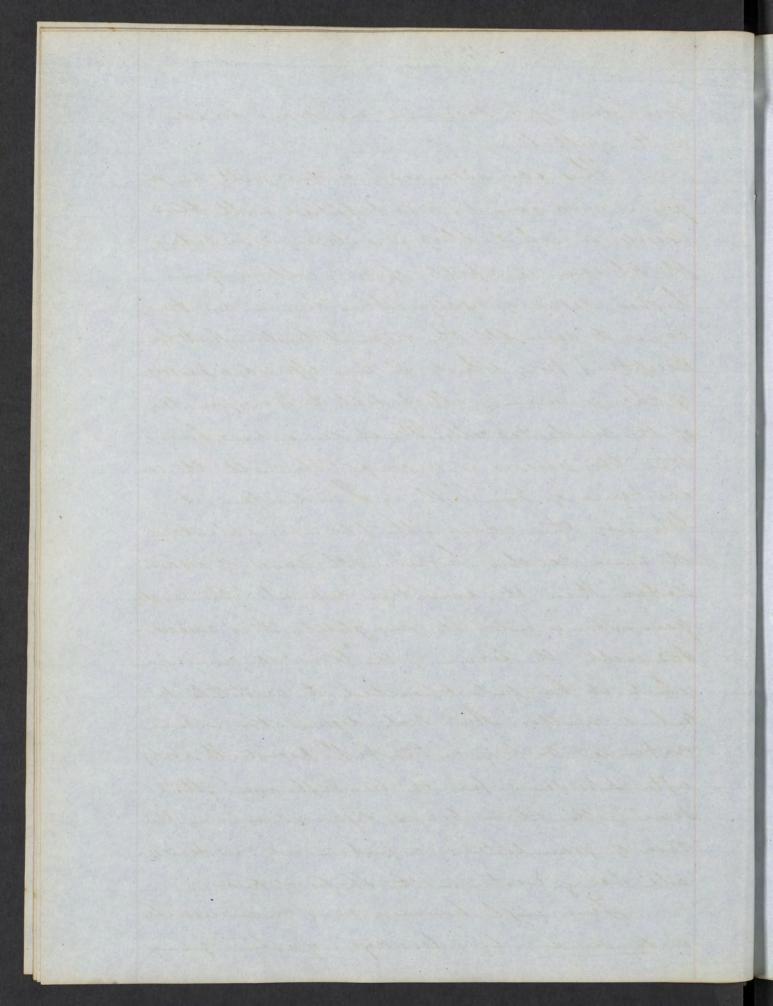
Sailing about in, and the actin proving this think of True Pupl. the organic arrangement new airs, the basis of a new texture. Accordingly the process of vasularixation is communed. Blood corpusates are seen chasing excel often this the plasme, in new bloodversels, coming from, and again returning by, the versels of the against original tereture. According to love, there new versels are, as it were, self forms in the plasma, Anchates alls arrange themselves linearly, elongete, and communicate with each other by decedence of the opposite surfaces: and the central muclei first oscillate in the channel or labe thurs forms, and then, secesiving an

underiable unpetus à tergo, by the heart; action, they bush our and, and enter the general circulation, their place being hipplied by blood corpusales escaped from the adjacent capitaries. Thus a canal is formo, continuous with ori quiel bloodversels on either aspect, and circu latin established within it. On according to other, blood corpusales escape, few in toumber, from the adjacant original versels - oscillate in the plastine - then push a cold and forin the return veins: and a new canal having been thus opened who, then first corpusely we he ceeded by other in a continuous theam, uisuring the paterney of the canal, and extel lishing its airculation. And from buch pount canal, divaricating takes of a smiter this one channeles out by a similar process. Both theories may be true: hew versels may be formed, more in the one way, how in the other, To as however, as practical hispons, the question is of comparatively little moment, and have exposes them to your view, only that you might possess all the information of the day whom this very interesting betyich he whichever way forms, the new capillaries are at first anounally capacions, larger them the nessels which tupply them, they are ofterward contracted by the for

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formation of a basement membrane lived with epithelium.

This for advanced - endued with an on gavie arrangement, and supplied with blood. wessels, in which blood is actively circulating; the plasma is capable of now assuming a higher depue of organization, and in due time comes to resemble the original tender furth low exceptions from which it was effered, a process of change manily attributable to transformation of the mudeated cells. Beit unentres, however, that this process is in competible with the co. existence of true hell. as I andentano it. Menever this occur, the fibrie is aplantic; it hever leather higher in the large of organi Letin them the exwation corpusale: there de generating with the pur globale, it is associa As with the lerum of the liquor danguinis from which it has pich beforeted, to constitute per Rulent metter. And hich degeneration with he continued to long as true laft herrists. It is only after betridence from the true hell acmi that Some of the fibrin becomes organized - as in the Case of granulation - a portion, only, wistend of all being waster in the Shape of hus. True wifl. however, may be, and usually is, herrow ded, by a less degree of action, gring



to plastic fibricions efferion; and hence we fried, the hieralent formation encircled and heppily limited, by a barrier of planic some or lets advanced in organization. But thousand the action disregard that barrier, establishing thirty where active cryption only hetherts had been the plastic; and hences, that which has been previously effected the Construct the barrier, has its adamang organization. Not only arrested, but trother up and andone.

Fibrie, more or less platie, effered on the free huface of a membrane, is usually termes false mentrane, attening a struc toral arrangement, in the fish wistonce, le denthing that of the before coat of the blow, and forming a layer or couting homewhat funitor & the original and winter his me; When accompanied by purature or hero- from lent decretion, as it too frequently is - an indi Cation of true heflaw. but when either alone. or attended by efferion duply lerous showing the presence of an amount of action thank of that which is test, heflaw matry. (6) Februir may be exaded in the enterior of a part: and being at first fluid, aiscinciales till has to fill of every minute Space, or

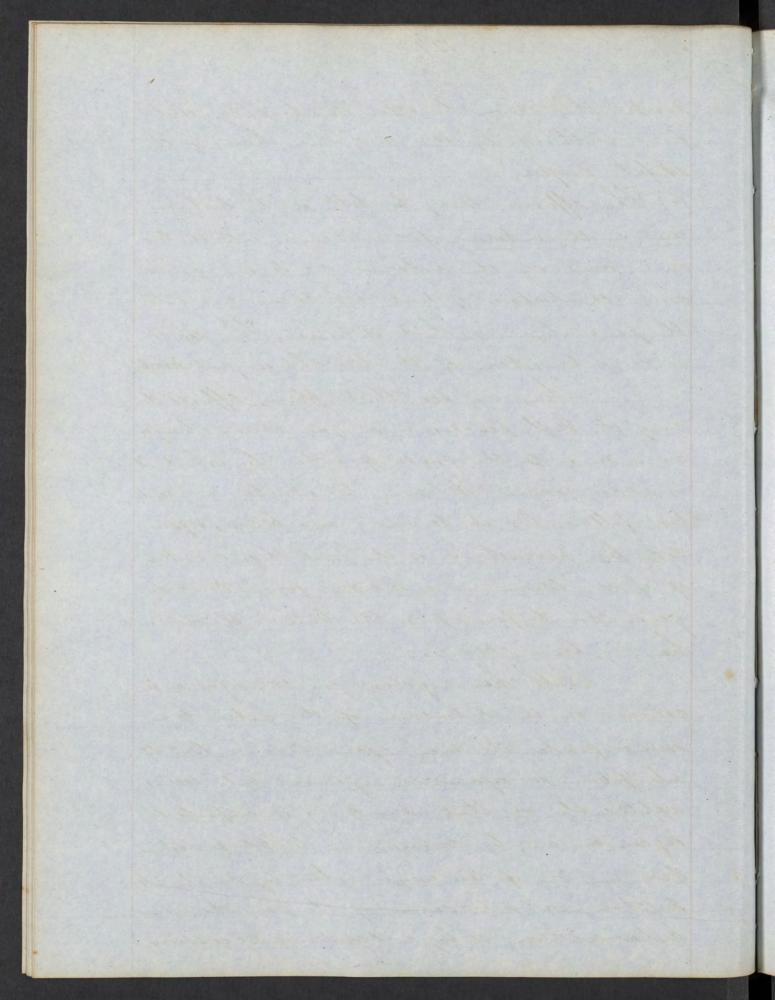
Cascin ing entagement: cohesin is grastally orificined. If the action be acute, the part is Whene as well as dwohn, a considerable pro porter of Lerum being migled with the filing and on the exterior of the fibrus on Range, is found a more entensine one of Lerun clone. If the action be slow and gravuel, inderestin is found instead of toffering: the derum having been alsahed, bender in all pubalility having been sparciply effered at first: the fibre, clin has how full time to addune the tolik form. and is more or less advanció in ogamization. If the action continue in a chronic and heldered four, the deposit becomes felly organi Te anvascular: and being now lottle unenable to absorption, a Serving change, more or less por manent, is this effected in the Structure of the part: it is widewater thickens and en layer. Aus show het actur hersist, causing continuance of plastic definit in prenter a bindance then absorption can hormaly control, the entargement and charge of the three gre dualy increase, guing rise to the huplate form of tumour. The action ceasing, to does Cedendancy of deposits the about them busy themselves in attempts to clear away what. That been already keeped up, and in this pool

 work. they may be often materially assisted from without, by the pidicion, how of the skiful hurgeon.

(c) The effection may be both on the hurface and in the interior for wistance, with the less four, and on the enterior of a Serous membrane or, on the hurface of much membrane, and with the parenchyme which it wirests. This result is a combination of the two changes puit Months. Thus we see that fibring effected the ring the huff process, underjoes various changes according to the prade of action by which it is a compagation of the prade of action by which it is a compagation of the prade of action by which it is a compagation of the prade of action by which it is a compagation of the prade of action by which it

From follows. Or it lemains and becomes organice Led: by persentence of the first these gaction of of the second in a subdued form. Or it do generates to form pur, the brue. wifl. crisis having been attained.

but her my bean reacher, organization ceeses: on the subsidence of the action to a summer of such action to a summer of such to all fibrie to organized, a feweral rule leans applicable, org, that it is of low or uniquefect organism, and, by consequence, liable to destruction in one of two ways; eather by higher ab substim, on subsidence of all perventes was culer action, or by a secure any acception



of hich action advancing to hippuration and alconation. This is favorable; as regards the discussion or discussion of proper of hippuration of hippuration of hippuration of hippuration of hippuration of holistics of continuity; and hence it is that the cicatries by granulation— a process always preceded by how help is offen undone, and the worms more gaping as before, white coming by athering, or by the store modelling process into whose compassion than high the store who are countered to the store has the firm him high does not and counter enter.

A is only, then the non-inflammatry eswartin of fibrin which is thoroughly enflorte. By it wounds unite, bones Kich, awarteries are consoledates. They delutary processes are wholy incompatible with true heli: and offer are but all performed after its hibridance.

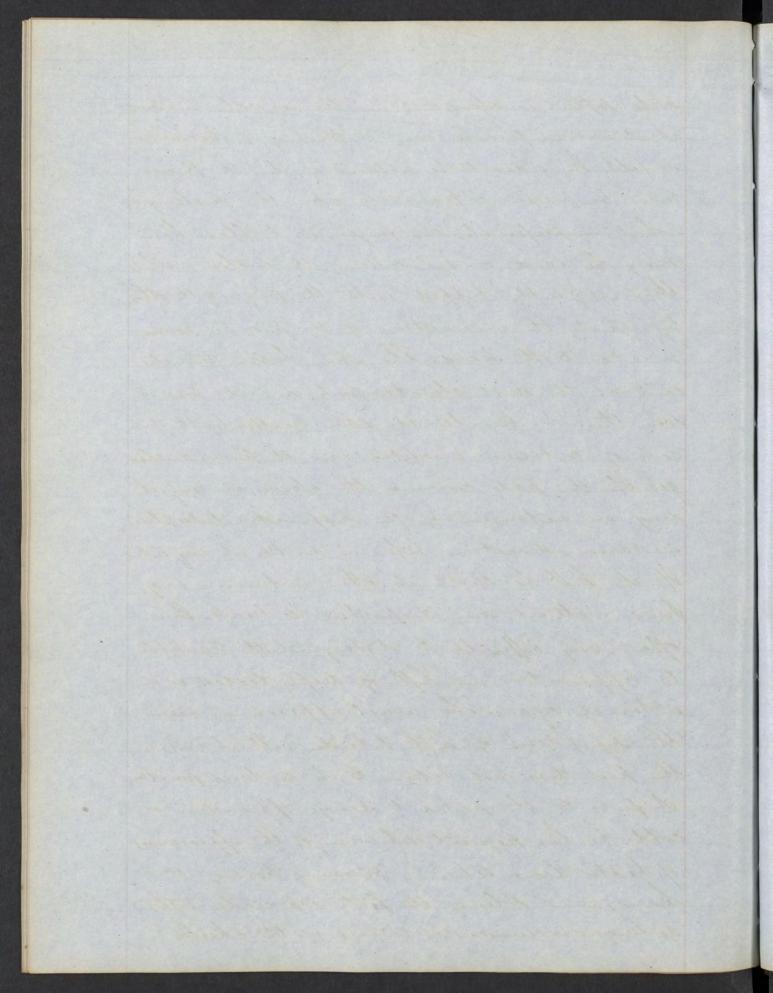
but, is essential, or indeed a sept, to want reparation, only when the liguer languinis by reason of debility in the part, is deficient in fibria: as in an or and indolutables. Auguivariable effect of the wife process, we know to be an auguentation of that plashing abstrace. It will truing an additional and purbably befricult amount of reparative meterial to the part, therein before defective

but met fibrie is not capable of due repen time application, until the action which transfer it has hetrides from the true wife crisis. Even them, organization process at a di; ad Nantago; but organizable fibrie of the Lewis class - that, unconnected with true hift. being of the first - is better than home at all Suppuration is, when resolution does not ensue, the suitable termination of hifle and if that be Levero, it appears the natural result: therefore a pily developed beithe hift is termed, by some sufpuretive suff. The pus is secreted the the wales of the Capitlary versels, who however connesiately as such, but is first formed by the changes which the inflam upudation undergoes, the coagulated plain is praducle, converted into pur globules, which then ming with the Serum. Pur is former of all the components of the blood, the coloning matter excepted, and especially fine its abbune and fibrin. If it allect in the Celeular tistue, Abrees is purduced. The process of sufferention is a true secretion, and the vital conditions of the organs, in fluences it as well as other Secretions. There is usually no destruction of tissues connected with hopperation. That we offen find the demmants of destroy es cellular his he in pur, or that the thin covering the

abscers is destroyed defected on a ceidental circumstances — in the great distration of the celeular tissue and their; or in the hope puration from general or local mischief hatting into Alliceration. These seinments of destroyed celcular tissue must not be informeded with the cores, to called Sloughs, which are found in the midst of the lift celcular tissue at the commen cement of reflection, in the form of white felly like semi-transpoint things flocks, which have no trace of against in, are as first fringly connected with the hirroriding abulartis him, but hobequartly are thrown as with the pur. These cores are bugh concertains of congulated abunen.

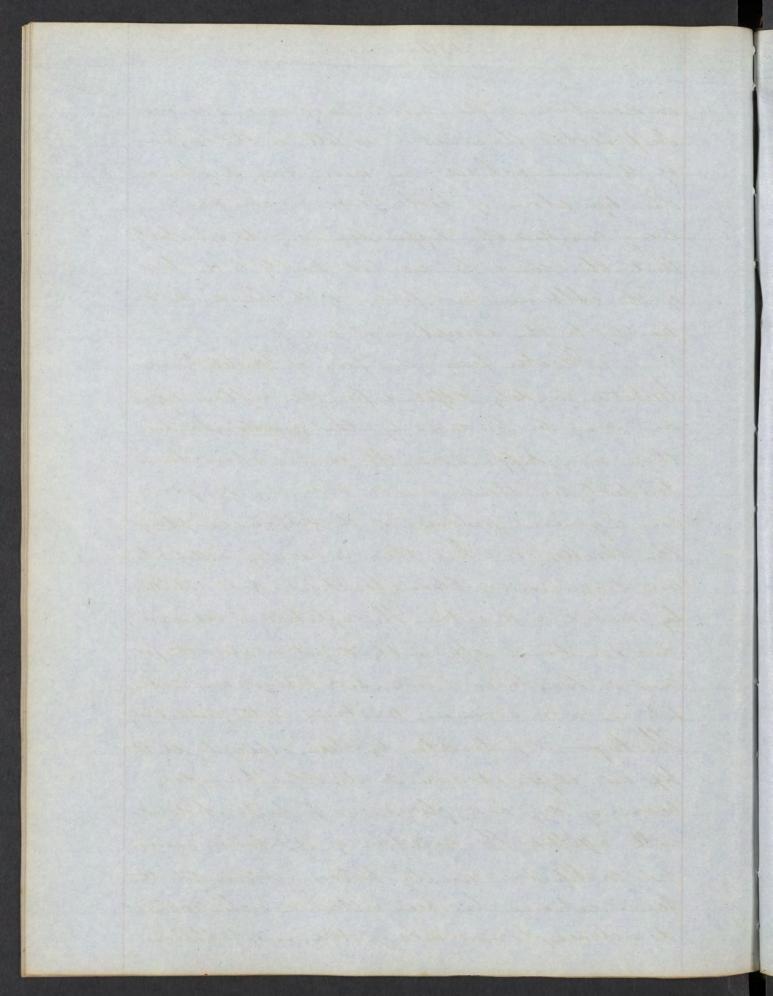
The transition of Juff. with hippureting is probable, when the Juff. is a chine, and quickly reaches are accent stape: when the pair is severe, the distention and so elling considerable, the in flames part of a lass character, and turnounded with much calcular tistue. If the Juff continue longer than usual, without showing critical movements, if the pain becomes throlbing, the reduces and the paint decomes throlbing, the reduces and the presence, the healing becomes toften, and the patricist has a thiner, then the forme two of pur has commenced; the hielding becomes

Ath lofter, is elevated in the middle, and but at its circumference, and on for thing it, fluctuation is felt. In order to be assured of this the fugues may be presed afternately upon the Swelling, or, what is preferable, the friger, or the flat have may be laid on one hile of the hoeling, while this is gently tapped with the frigger of the other, by which the undulations of the put are commen micated & the hand. The Sthere becomes transpe tent at the most elevated part, and the pur is deen this it i finally the Min healts, by the pres cen of continues absorption, and the hus is discher ged. If the parts covering the abovers are ungiet ding, an extension of the hippuration takesplace in Narions directions before it makes Its way out. If the hell be elight it offen continues a long Sine, without any disposition to break. It is offen very difficult to distripuish the transition to hopewration in hell of deeply sected or of internet organs. The usual appearance arethe hymptom of hift believe wetters crisis, the part does not return to its rectoral function; In feels to the patient heavy, ofpressive, or cold, he has frequent thirmings; the appearances of he etic four let in, burning heat of the hands and boles of the feet, especially after latings circumscribed levers of the cheells,



Seef Lected fluetuation is felt, or the hufew of the part cohibits an addenators he clining. The typeptons of heetic fever accompany every considerable hippuration, and its is probable that this much be ascented hartly to the loss of the ellium are fitain of the blood, and partly to the absorption of hus.

Hectic fever is a form of Constitutional Stribation, we dely different from the aflaw type, and may be produced by other circumstances than men suppuration. It general character is decidedly rewittent, and it ordinary Lymptons are, a general paleness of the hufers excepting the cheeks, or which there is usually a delicate and circumseabed bloom; beautiful, yet a thilling by morbid willication. The appetite is resumed, and formationes affaiently dijection also: the for Over is toutimes inordinate; betyel emerication Lets in and advances, trustining with quatrapidity. The torque is preternaturally clean, especially et the hip and edges: at first moist, but alternately becoming dry and placed, and perhaps studied with applitue. The cordition of the bouls veries, but constipation usually predominates, until the fluis extreme has been attained, when obstrict di arrhoea, termo obsignative, is established.



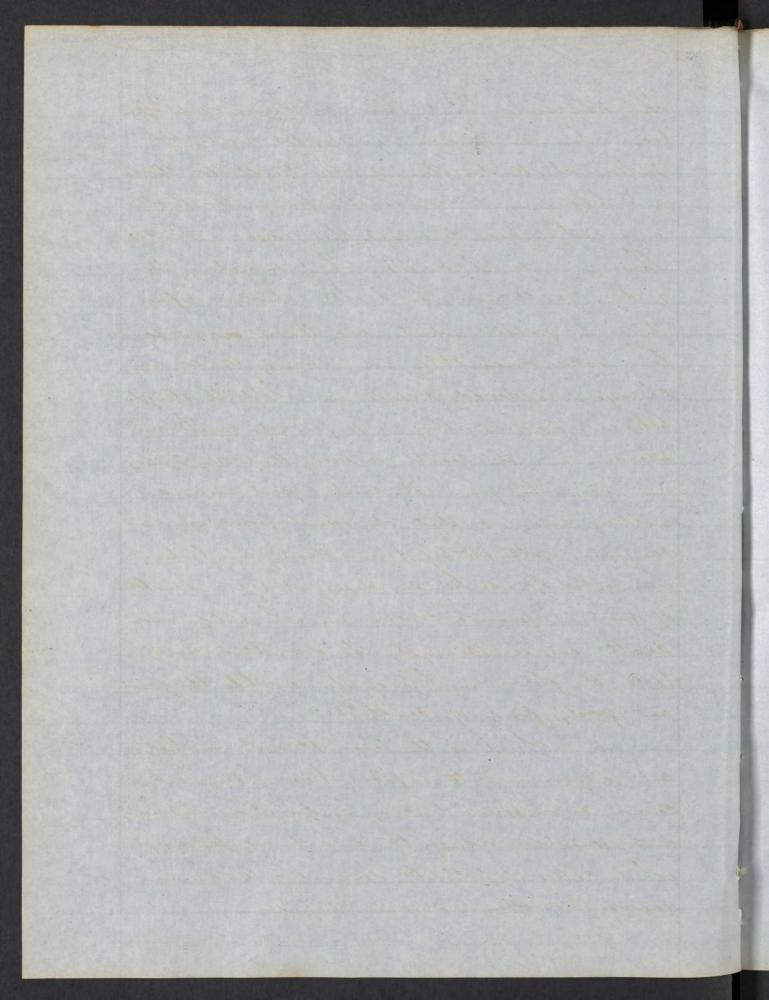
There is third: and burning head is much complained of in the cheels, when of the feel and palmi of the hands: the general Min, at the commencement is both they and were, but for thous a tendency to propose perspiration, totally ineffected however in lemoving the disease. Obespiration is lapid and thout, and leader, an Celerates. The pulse is prequent, huale and fourtimes haw; and also readily affected by eservice or anotion. At leve periods of the day, woon and exercise, there is an exacerbation of ale the febrile typitony preceded by chile, and followed by perspiration, Serpiration is most proper towards morning, and may then be regarded as a resolution of the even ings exacerbation. The write varies, touthis seuch and high colored, more pregrently copions and hale. The eyes this but in hollow orbits, are usually bright and intelligent. The lower wetnemities be come hvollen. The Sleep is disturbed and unrefresh ing and there is a continued feeling of lessitude and debility; but with all this failing of the plays cal powers, the mind remains cheerful and un clouded & the last, and Leans to gether perh hope from the very causes of dupair. May I here all your in delgen a for withouring, from one of the harden works offiction

the following beautiful descript in of death by

and folian of the hand the present they all the The eyes the but in bethe white as weely the got as well got the love when the A. character to the last, and you to go then have introducing for our of the haden a who opports

this disease " But their were times - and often too when the Sembler eye was too tright, the hollow cheek too flushed, the treath too thick and heavy in its course, the frame too fable and exhausted, to escape their regard and motile. There is a dread disease which to parfaces its victime, as it were, for death; which to refines it of it gother aspect, and throw mount fami lear books unearthy williceting of the coming Charge - a dread disease, in which the thuggle between soul and body is to praduct quit and wherm, and the result to have, that day by day, and frain by grain, the mortal part waster and wither away, to that the spirit grown lights aw danguine with its lightening load: and feeling eminortality at hand, deans it but a new term of mortal life - a disease in which life and death are to Strangely blended, that death takes the flow and here of life, and life the gaint and poisty form of death!

Such is the fever, though, marked, and advancing to a fatal termination: but of correct in forms to vary in descrition, intentity and issue, a econoling to the bature of the disease which called it forth. On lemoral of the Causes recovery is offen wetnessely lafied.



Heetic fever may be caused by any chronic, or game incurable disease. whether incurable from its nature, as scherius or tuberde: hu itestech, or for constitutional debitity: also echans his from profuse hoppuration - or from any other great and continued discharge, as prolonges lac tation lencorrher and so forthe blectic is to pe quently coursed by propose supporation, that an abrospt in of per was somety beened its wire with and huffirent cause. Shurter demis this theory. I'm because hectie may aure from organice disease; or for escessive discharge of any seen twin, where there is no hippuration. I'm because per may be absorbed (as it offer is four chronic abserves and beleass, which are discursed without being opened ! without the production of heetic. His certain therefore that absorption of his is with the only course of hectic. But it is eguely cutain that pin or its constituent clements at least, an abrorbes from extensive despurating hugaces and it is probable that its presence in the blood adds to the heatie and constitutional debitety? and that feeperically if it be viticted or dewn poses of tends quarty to the production of col liquative d'arrhea and alceration of the inter times. For the injection of her or putrid matter in the flood almost wivariably causes diarelace

about the same and the same and the same and the less et un training des salas the gold a la The wide certains in the headment and 11 to Nemore the local cause: or (2) it that be infract traible to enable the depotent to hepfort it.

The first wideration may offen be pulpilled by an amputation or other operation; as it is with there were there hear offenting enette energy well, recovering from them republy, and making but one Help, as it were, from deally door, to perfect health; and in the language of John Stante "the removal of a diseased pater which the constitution has be am account on to and which is latter feeling the constitution, is a doing less violence than the Removal of a sound part in harmony well the whole! In cases such admitting or requiring an operation, local mischer must be demaried; as people dischaps returned as force worther.

As for the second in dication, the thoughts

must be maintained by piving as small good on the Storaced can diget with confort: but the grantily- of annial fore and of formated liquors much not be lage enough to a da to the excitement, or increase the heat of this, thint and perspiration. Arrow noot, and other fair macrons preparations, jellies. Iceland and First Most, are weful as will mutritions occasion maky, when there is one eacers of heat and fever

attended to perfect the second

but there articles shows not beginn at buch twies or in hich quantities as to interform enth the dijection of more which food, it there is an appetite for it. Tonics may be fiven to apport the thought, not as ball, quining, or Cascantla: or bountoing the preparation of iron; but, it, at any time in the vary ing his gress of the disease, went entered affect to prevail, the pulse being more accelerated, and fair aggrerated, towns and annial food, must for a truis be charged for Saline medicines and farinaceous or with dich. Digotelis, an Union much chased in hectie, may be of tervice at het this, it quein in few moderate dores, for not too long a true. Sen micins in a Saline draught at bed time, is the proper dose. Opicles much be given to her come thep and allay poin. Charge of air is always advan ta geon. Taspere perspirations may be cheeked by viluted helphonic or entrice acid, by tries and by tepid spring. As it with be lealled ted that the diarrhea often achends often de pends on an inflamed or alwested condition of the intertinal Mureous Membrone, leavon with higger, that attempts to Stop it by port wine, and large sover of Atrimulants and astrujuls. well offen be, but aly unavailing, let write

and large tons of efficient and six exterior who offer he had not according hit with

thing, and mischier our, altho pood in cases if mere debility. If therefore, the diarrhoca is attades with tendences, much pain, and tenesting, the proper remedies are, sent in bed, mustand poultries & the abdomen: the very wilder of dich of with, arrowroot etc. enemete of Starch containing from 20 to lo minuis of law aucen. Doveis powder at bed time, and challe misture during the day; and one or two grains of them pile, with three or four of the bat o ecasurally if the liver is inactive. It may be added that copiois injections of warm water gin great relief in di archae: nothing the irritated men branes washing away soud Lecutions, and enabling the patient to pass easily at once, what would otherwin occasion Leverel painful efforts. When his is former lapidly after the asset of wifl. and diffused into the horrowering testures, from want of unteredent protection conduction of fibring the inquiry, as already thates is preat; by, wifil hat in discutegration and fangeme. The constitution Symptoms attendant thereon, are not thou of blectic, but of Tritative Fever (making calle hymptomatic Typhoid , a condition, as it were, intermediate, between the heatie and tall. flammentory, combining some of the characters of each he the hat, the arrange destruction

the strain the second will be the second with the same of the sa

of techne is preceded by spreading hell of a rapid and interes thine; the action tens to rouse the hystern, whitst its regult or treture has directly the contrary efect. Such being the Compound nature of the local mirchief, it heed not harpine us to find the general disorder, to which it gives rice, couristing of febrile excite ment, modified and overbone by apression of the vital powers. The pulse is pregrant and hard: at first with will willication of thought but for betokening manifest albetty. The Joyne is usually tremulas, and covered with a thick, dark - colores - offersine for, mortine gravially leaves it, and it alternately beauty how, from and dry. The write is scanty, high colores, and of empleos and odor, touties afor havently hoppened. Sometwies there is diarelice Bountines constitution. Plipon an pregent, fol loves by herefureting usually propose. There is much restlemens, with afitation of manner ampiets of repression, and hunching of the fear Auer: the eyer look but, glasty and Suther; the patient his on his back, and Links towards the fort of the bed. The abdower is tightly distended with flatus, and the Sphinter is whaved, Do that the Horly are passes involuntarily, the petial dokes imperfectly, awaking with a Start, he picks

the day to be the second of the second of the second

to himself. There is thating or testeling of the fewores, at last the thin because coo and clave my, respiration is hurried and highing, and there is a sensation of opposition of the cheet The sund is edter pressly depressed, or excited by occasively delivered. Who strongth is much prostration, him cap delivered a course the hurth sign of amended. If recovery account the hurth high of amended much is diministic of the frequency, and income of the frances of the pulses, with sound sheets the patriothe heigh sensable and somefored, the eyes brighter, the torque cleaning, and above all, higheration between cleaning, and above all,

The programs with of course, be always both Prognosis the: but there may be a chance of lowery if the came is of record existence, and admits of a Common the openation or otherwise: which there can be scarchy any, of the constitution has been echansted by the hop extrinuere. Thus, of this fewer comes on in eyspheles or buch pops, discours of an long continuous, the costs have may arley or, if it he caused by a recent injury, or by cetrases extrin of write, it may be demoved perhaps by an amputation, or wiessin, in the perinaum, that it will search, be caused by Chronic alsons

or disease of a joint, anspeceded by heatic. And thus, it the hectic has been suffered to hast with the typhia that, the season of an putation and hope of reavery ander fact. "This" says Menter" the summer incurable, as this more connected with the part than with the freshest."

The indication are to leave the cause Treat." all ay in initation, and hipport the thought. If
the lemond of the cause by operation by open
from is likely to be successful, afon the principles
pich laid down, it though be done without orday;
and, went of not, in may be better to by a doubt
ful lemen, them some at ale.

or the of the preparation thouse begins in huch doses, repeated regreatly, or in a large dore at the source of the force between of the force between the street of the present of the present of the present of the streets and of grain in and tourist must be reported by quin in and other strainly, and by mo devate quantities of note, beef tea, are one root at. If the patient can take them. Hits. Sether. Suppl. bout I before of the fathers are the street of the patient and the state level by an enema of surpertain the eathered by the patient and the eather the street always to used. If the patient Cannot pay

Last land more is the fire of the pattern with Mis dether left heep the a william I shall be his water: a point that thout always be in

The circumscription of the hus in the carily of the abreers depends upon the effusion and coagulation of the planter lymph, which occur during hift. wherely a cardy with smooth water is produced, in which the capelling versels are very strongly developed, so that the hus is that of from the other celecitar tissue, and it spreading from cele to cele is prevented. In cases in which the heft is not connected with plantic equation this circumscription of the abreers does who take place; for vistance in many englopelatous hops. If supporation occur on the durace of Lerous Membranes then must always be first produced a considerable development of welder. In struce two which are highly vascular, hepperation occurs more rapidly.

The walls of the abscers muit be considered as Lecuting and absorbing surfaces. In the result have of pure by the veins and lymphatics It is mises with the blood, and suparates from it by the colatories of the body, especially the lungs and Kidneys, or is developed in the tistue of parts, forming metastatic abscess; it is, however, under termined whether the pur is deposition as such, or is produced by the after changes, which come

descript the strends a court and downth and

mony occur in the Suffam. equidation. As the pur corporates an larger than those of the blood, they cannot pass this' the capitary versels, and therefore only the Server of the pur is absorbed, or the per corpuseles are trollen down, and can then also be aborbed. We must not confound with this, the entry of hus with a torn vein, or the formatting phlebitis in a vein, and its further persege ourand with the blood. Bornet befores that the about fin of good cream like pur, which has not been change by the action of the air, with not perdue any peculiar dynaptours, because, with it, nothing enter wito the blood, but what is natural to it; but it, in definar es putied pur, hydrodulphate of ammonia be developed with a levidere of am monie, and be absorbed with the Lerem or per, a deptie poison is introduced into the day, the presence of which has been as certained by Bou. not in the blood, and in its deparation in the wrine. Of the circumstances whom which depends the determination of abscess to the huface, I borrow the following very interesting description from John Henter " An internal pressure, huden Ced by an netrancous body, acts equally or every Wide of the horrounding parts, and, therefore, every fruit being pressed withe, ought from the cause above to produce absorption of the hirrounding

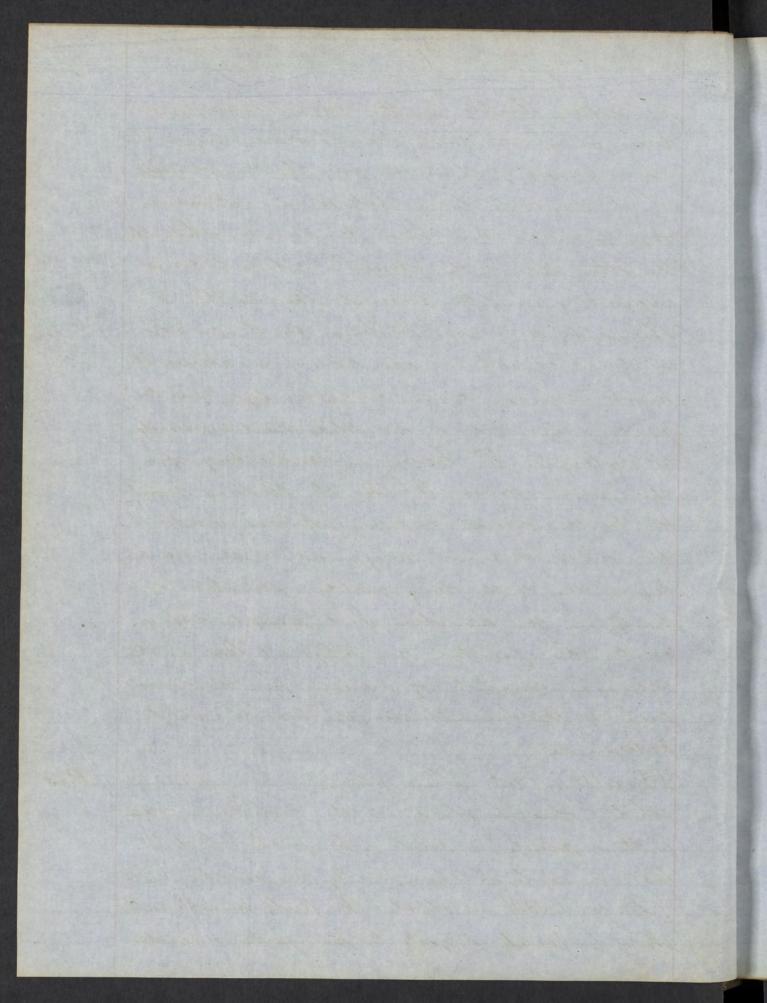
they confusion in him they than the the

parts equally on all lides, hopporing the parts thereselves Similar in Structure, or, which is the Same, equally hisceptible of being absoled; het we find that one ride only of the horrounding living parts is hisceptible of this irritation; then fore one title only is absorbed, and this is always the note which is next to the external huface of the body. Now this cause we find absences, ete, whose deat is in or wer the certie of an hart, read its determined to the herface on the one side, and not on the other; and, wherever the leas is once tellen, it immediately goes on. He also observes " We find that the absorption golde parts more readily to Mer place, to allow on up transon, buttoner pars out of the body, than it with to allow one to pass in. This we see that the depth pressure produces by matter or the winde of an absect has a great effect, and the matter is brought much faster to the Stinfalthe very deepf than it would by the same quantityof pressure applied from without: and, wider, to slight a pressure from without would rether Hew to have an opposite effect, a and, that of the Mening. The leason of this is evidenti one is, a readiners of the parts to be free from a disease already existing: the other is, is a back waitness in the parts to admit a disease. This

May dead the second to the day on the

principle, therefore, in the animal economy, his duces one of the mist curious whenomena in the whole process of alceration, viz; the descriptibility which the parts bying between an netramery body, and the Min have to alcerate, while ale the other hide of the aboves is not irribeted to alceration: and the necessity there is, that it thout be to is very thilling: for, of alwatin went on equally on all hides of an absence, it much increase to an enormous dize, and too great a quantity of our bolids must mecessarily be destroyed. M. havers in conmenting whom this point observes " Whether the tenderry of met ter & the nearest huface, external or internel. the outer or winer whequient, or the Cake May be, is due to the more yillding Structure of parts in the direction of the nearest hurface or & the operation of a physical law, as the increased amount of pressure from the unceres area of the durnich over the base, I cannot determine".

Flealthy Pris. I'me good has is a yellowish Pris white, opaque flind, of the consistence of ereau, with a peculiar buell when fresh which it loses on cooling; the cifically heavier than water (Mp. gr. 1.030/, wisoluble, the feely misuble with in not readily hebreit to ketrefaction , leachs



in its fresh that as an alkali: but after a fine is neutral or acid, hosbathy be cause during to becomposition it forms acetic acid. Like many other annial fluids, it consists of a thin serum holding a humber of plubbly in hispension from which it derives its color and of acids, and which can be departed by thaning, but very frequently this deparation occurs sportaneously, of the pur be left alone.

She purpose which the formation of pusterness in the lownowny is, Jays Barrers, in conjunction of the lower and of help. To open a come munication with a contiguous huface, within for the purpose of literating mether in capeble of organization, and therefore hiperfluous or hurtful; or as in dispurable to learn hustin or the effection of high begins by granulation. The continuence of help, begins by granulation. The continuence of help, begins the term require for union in simple whiting of continuity, in cases which are begon reparation by the direct wherein process, and in phleprious or cohesine deposit unaccompanied by enterned lession, entails and addition of the hippurative to the adhesive action.

Mith reference & the putrefaction of pur, Alute observes, that from several circum Haves often attending it, it would appearing and A CLASSIC STREET, STRE the service of the year of the service of

to have a greater tendency to putrefaction than the Maxwell prices have: but I very much hispect that this is not realy the case with pure pus, for when it is first discharged from an ab-Icess it is perfectly tweet. There are however, some exceptions to this, but there depend a circum Have entirely foreign to the nature of hus itself: as, for example, the communication of the air, with the interior of an abous: the wearners of an abovers to the fearland contacts of the colon or rectum, when blood is contained in an absects resulting from enternal injury, or When part of the bolies mostify from the Same cause, and the like; in ale such circumstances we find that the pus has a greater tendency 6 putrify them the have or true pur, which altho' easily rendered hisceptible of change by cetramens additions, is, in its our netwer pretty uniform and immetable. It appears to unchanged that we find it returned in an abover for weeks, without having endeyone any change, but there qualities belong only & perfect his. Per pour brees, he remarks, is publich to the Same changes under similar circumstances. Me Gulliver also States that he has has healthy hus in a window, to which the sun had accers, for sig weeks, without becoming fetid, and it, carefully washer of all

an indefinite true.

Chem: Analysis. The most recent anelyses, Chem? especially there of Bonnet of Lyon, Gueterbook, Anal. of water; thou that his contains 86. 1 proch of water; 16 fet blatte in attachol; 4.3 fet and osmarome blatte in coto alcohol, and J.4 albumen, and the matter of the public blatte in meether both or coto alwhol. The histories of whit the plother are composed has received the have of Pyine: but it seems to before very With for fibric. Per also contains about . 8 pr. ch of dath, chiefly common bath, and municity of ammoning and perhaps a family trace of hyper.

The fluid or serum of his thous to there of globales; it exhibits all the highes of albumen distolors in water, which is distriguished, little the Serum of the blood, from the white of a fowly egg, in not being thrown by other. This fluid contains fat, odmarome, acetic acid, herbely alm, lastic acid, hydrochborate of toda, of pototh, of line, of ammonine, phosphate, relitate and probably also acetate and lactate of toda, brother ace to the soft who plate of magnesia and line, and a tree of cion and oddica.

The globales of his vary in quantity, tome times a layer, sometimes a smaller number being

present: the thicker and better the hus, the more burnerous are the plobates. When examine under the microscope they are found to be opaque Apherical globales, apparently granule Les little mulberries, but in reality smooth, as may be found by examining their circumfe Nence Hey vary from 1/5000 to 1/2000 of an wich in d'ameter: some were are souch layer, es peccally if they proceed from a hufece that is actively inflamed. They consist of an enve. lope or cell- mentrane contaming muclei, oil plobeles and minute grander. If auti acid be added, it brigs clearly into view, two three or four muclii, and unders the other haits transparent, or to invisible that they been to have distolver. They are not really distol her, however, because the muchi retain their addering to each other, and because, it liquer potasse be added, the original appearance is restored. If Rept tile butrefaction is commencing or of treated with a huch quantity of liquer probable, the oil plobales been wetrewely dis trich, but too much elther of the alleli, or of de composition, distolves the outer envelope. Bondes the plotites other malegalbernions molecules are also formed in hus in great about over of the Same nature apparently of

Secretary of the second of the Margaret State of the Contract of the State the central molecules of the plobules.

"Tus I believe" Days de: Travers " to other In characters of consistency, opacity and color after exudation, and to consist of the dependences or waste lymph which has blen departed during the adhesive theyo from the men of thood held in Tolution by the Leren, being thus a chemical mo difice Air of the constituents of the liquor Sanguinis; in that, the latter fluid deprived of its original chare ter, and property of sportaneous acquelation Fur particles resemble thou of lyugh seen in the versels under hift, except that they appear broken down and party distolved in their ter. ture vistea of being compact and of less regular figure: and if when huspended in a drop of flind compare with the elastic blood corpuscle, to which they beer no andayy whatever atterly inich and devitalized. We never see this in the bloodversely but in fatal phlabitis, and if into duces with the circulation by eigentin, it is destructive to life. Although, therefore, a clean wifes granuleting Purface toon presents a covering of pur, it is usen ded as a whorten fluid of a more deuse and unctions consistence than Lerum. Its appear ance is Limithaners with the disappearance of the lymph. particle from the veins, the hoppen lative action being determined, or, in other words,

the deparation of the proper lymph- backide put an end & by its deficient deposit in grand ties, and the inflammatory wisus Ait preventing from the continuous of the irritation, for no inserfect State can be perpetuated; the liperchand and byught particle, at no time colorer along with the per manent fluid or Lerun of the blood, is Stranie of through the pencils, forming the terminal loops of the grandation. Thus is obtained the two for hurfine of which to the baded capillary circulation, and a bland and homogeneous protec Aring flind for the granulation during the period of the growth who to that of find organization. When the undinental fibrie is no longer hered for the new structure, it is used, as in notwe all leun outs are, for a new but no less important purpose - the preservation of that structure. Jus is as necessary & the maintenance of a gramletin as lyapl wer to its formation: but a change is necessary & fit it for its new function, and this is provided for by a new arrangement. of a new action of the Secreting cap Maries, and a chemical change, which destroys its ortal por perty and analgamates the leparated lymph. globales with the der cum of the blood. The prece dence of adhesine to appurative action is het frient to lender presumeble a necessary con

the state of the same of the same of the same of

negion between the lymph separated during the fish process, and afterwards disappearing, and to eneplain the unanablaness of this rela For in the order of their appearance. There is no analogy between the effusions of Lercum or of liquer dangeries wie dental to primary would or injury of any think and pus; yet the inpre dients of the two latter are the Same; it is by the combination of a vital chemistry that their appearance and Leuseble properties differ, and this we are capable of unitating. If this theory be admitted, it with explain the affect ance of his in the above of the especials grander Structure or district hyogenie men brane, as seen afron someons, serons, and Lyns vial hufuer and cands; and, even in the ab Lence of fibring potential escidentia, as in certain modes of heft. when the habit of the parts or the character of the hips. renders them in capable of carrying on the atherine action, or that action is by violence interrupter. Purform Mucus, Muco-puratent secretion are terms in common use, indicating the transition stage witnesses in these ceses; to also the modifica Finis of colors consistence and purity- are enefoliain D, which are couvered by the terms samois, flaky, or wheylike, ich rous, etc. and the

from that of fisher and diverses to the "Pus landabile" of old authors concurrent with the improved withing of the granulation, meaning a feller proportion of the lymph particle to the levels and divining that of the hypten. Thus also is explained the effect of in ownication of the effect of in ownication from the eocessive helperation to repersional of that input death which forms the suther and restoring from the eocessive before the suther and restoring

Tues, as we have described it the result of what action - is of normal character, and is usually termed, healthy or landable (mus bonum et landabile). But various circumstances may course deviction from this, and also coapulated blood, undergoing a preculear process of decomposition, becomes liquid, and this fluid closely resembles pur in affects and, but the researches of de Galliver have clearly shown that it is not true fun, only its counterfect.

IT Serous Pus is thin, almost transparent and yellowish or reddish. It differs from the former in containing very little fatty matter, or fibri nois globales, and in being the huduch of a low degree of help. in weak constitutions.

from the saver in walk branch of the cine interest or extend to solve you to force AND STATE OF THE S the total desired the second of the second of the second

TIT Clotty or burdy Pus resemble, the Ler our, but has numerous white clots and flueculi of con gulated fibrin bloating in it. Under the surior despe it displays the plobales of health, hous, and in summerous other particles of vinegular shape. It contains very little fatty matter, and is commonly forms in scrapilous abscesses.

TV Mucous Pus or Muco puratent matter. The mucus which proceeds from healthy mucous membraies is seen under the microsofe to be composed of abraded epitheline cells, flats one gularly five tidea and with a central medeus; with numerous granular masses, and a few Apherical bodies very much like pur corpusales, escept that they contain much fewer oil globaly, and those are surpended in a viscid duchile blind, Under Pufl. there is an increased escula from of albuminous flina: the epithelium celes are perhaps thed more quickly, before they are flet tone out: the quantity of globules is greatly in creased, and they acquire the reach character of hus globules. The once much agitated queition of the diagnos is between fines and mucus, is one of those that belong to a by gone pathology. Muco puratent matter is per, only mixed per haps with epithelium, or mudified chemically by various, local conditions - the contact of come

Alexand when the wife the the same sures and great

for wistance.

A very vised his-like mucus is occa from aley formed in chronic abscesses, withaning a large quantity of hydrochlorate of ammoniaa Nath which abounds in unhealthy hus.

Noncrete or landaceous per; may ecther consist of common pers, thickens by the aboute of its watery parts, in consequence of having remains for a long time in a chronic abscess or bong cavity or as the author or resal disuses— or it may be originally secreted in a thick condition, and in this latter case differs little or swithing from the melicerous and atherometers the secretion the melicerous and atherometers the surface.

Putrid Pus has a fetid Ameli, and altertime Reaction, in consequence of the presence of hythor Alphate of ammonia, which is formed by the decom position of albumen, when his is enforce by mough to air and heat.

OF vaccine disease, or the Lucle poop, may not affer in its sensith qualities from the healthwith, but much include fome matter in a State of decomposition: which state is capable of being wiparted to other matter.

The hus from threading when and cancers is their and Lerons, containing blood plobales and

the state of the same of the s States of The share a fet is shorter and a the land affect on the state the section from the state of Sheed and bebris of the Wheresting tissues. Mis said to be ichorous when their was acrid: Samous when them and blood, and prumous when might with dark half curdles blood.

Ramollissement. This is a peaker effect of Suff, which is often observed in greatest per fection in the brain and thinal chow, portions of which have become toft, pulpy, and at last diffluent like thick cream. It has been thour Con clus wely by N. Hugher Termete of Edinbugh that this process is a mere variation from the ordinary course of refunction. The affectes tis Sue is first infiltrated with februie, which coopse later in the form of grandes which may be been coating the Nessels, and filling up ale the spear between the altinate fisture of the organ. Then the organ affect is landered herfectly duye or hepa Fixed. The grander heret form themselves with muchates cells (exaction arpundes / which after a Fruit break up and are disuntegrated: and on enamining the lottenes was with a microtage, it is Leen & courist of a man of grander either dif fuses or amalgamated in masses, or contained in melectes celes, and migor with the debris of the doftenes tistue.

Pris in the Blood. There is a peculiar that of the lystem sometimes called the suppurative or

reflect the this over the be the the the party is a hear or the the the state of the second of the their localing with our objection of the

puralent diatheris, in which abscesses form in Rapid succession in the liver, length fority or other hauts of the body: and this diatheris generally accompanies true disease buch as engripelas, or surperal sever, in which there is preat irritation of the blood, and also a profuse formation of pure. It is most common in consequence of phletitis, in which disease the suralent or other disease secretions from the living of the veins is surifice with the whole man of circulating blood.

One peutiant of then local affunctions is the extreme Rapidity with which they offer form; insomuch, that authors have demied that the pur can be elaborated in consequence of hell. at the parts where they are found; but have can dere them to be definite of his, which have been absorbed into the circulation from some other put, hence they have been commany catter puralent depote, or ousecutive or metastatic abreesses. But, altho' it is very horselle that hus, if present in the blood, might be deposited in the lungs or liver because we know that quiellsiber When eigether into the blood is quickly found in those parts / Hill it is very certain that consecu Five abreels are not universally caused by a deposit of his into an inflame part. For abscerves of the liver often follow injuries of

Continue distribution of the Edward Process and the second of the second o At head, and other consecutive abscures some Amis follow other injuries, which do not pine rise to any supportation, and from which, con sequently, there is no pur to be absorbed.

Again, it appears certain that after abscess in the liner, large quantities of his find their way with the circulation, this veins which open by large oripies into the cavity of the absence and this pure is excreted by stool, arrive, and womiting, without the formation of consentine abscesses. So that, at all events, healthy has can pars this the System without occasining any severe scrangement: but it has be taken without or putrid, it with the blood which is vitiated or putrid, it with cause severe constitutional devangement.

Abscess.

An absect may be defined, a collection of hus in the hebrance of any part, or in a can'ty, the limiting fibring deposits becoming more and more condensed, its central espect altrictely attending a membraness affective and a membraness of feerance and a membraness function: having a smooth villers buspace, tonewhat lite the suncars, and possessing the power of maintaining the formation of puri. Hence it is termed the supogenic membrane: endowed with very considerable howers of keretin

observe of that a self sea to harth his

there are two things of abscesses. I. The acute of phlegen on ones. IT The chronic, or cold; beides the diffused abscess, or diffused affection in the cellular tissue.

Acute abrees which when occurring in Symptoms the hobertaneous cellular distue, is cella phlequon) commences with ale the tigues of acute hell: org inflammating fluer; Levere throlling pain! hight. actuers, and much Levelling, fire in centre and ordemators around. The occurrence of deffer action is indicated by Levere rigors, by an abete ment of the fener, and a change in the pain. which is converted into a lease of weight and tension, with a pulsatory feel at each beat of the arteries. Then the tumour becomes dofter, cur loves the bright arterial color; and as the quantity of matter vierceses, its centre begins to point, that is, to project in a pysami del form, the explanation of which is dif ficult; and, indee, wistend of attempting & assign any enefiticit leeson for the occur Rence, it is probably better simply to regards met ortwas tendency as a well Known and admitted law of life. The progress is various; Sometimes capiel, toutures putractes and tedions: depending on the late of fluit accumu

latine, and also on the hatter of the inter vening parts: of there are of a fellows thrusters we have that they will long resist the whe latine process, and consequents actors the progrees of the pent up matter beneath - almost always injurior, by. The ordinary fibro-cellular distince quies way leadily, and rapidly, atthinks by the Allin alone less his this, be can, attenuated, stretched, and completely deprines of the Affect for the abscess enlages in a conical form, the aper towards the surface: the thetched and un dermined protion stoughts, is quickly deteched, and the aperture thus former, adments of the pust being discharges.

As the mother becomes deperficial, its existence is more and more plant, widewed by what is termed fluctuation. The fingers are applied over the part, lightly; and either by al temente pressure, or by therping one their while another is made to tap lightly on an opposite point, an impulse from the fluid is more or less districtly perceives; the more deperficual and copiosis, the mether, the more deperficual and copiosis, the mether, the more marker the impulse. Men, on the contrary, the pur, yet recent, is he searly, and the deper imposed fenture both thick and dente, the search in operation is obscured.

letters and also in it to the a de more

Acuteness of bouch and experience are both required under buch circumstances, & present mistake in diagnosis. The surgen possesse of tothe, with the additional faculty of using them anglety is daid to be endowed with the tactus eruditus a gift of sure velue; herhops harty innete, yet Inother capable of being acquired by educe fin both of the friger and the pid quat. The allipole distue when about and and somewhat tense, has an elasticity which simulates somewhat closely the that it is of what. We much en dear our by peguent practice to learn to discriminate between the two sersen trois, and thous offertunds offer hever highest to cortract the Clarking of the medullary tumor many examples of which withete accume latin of fluid Still more closely.

But the propers of matter is bot all ways to the entered or integrimental hurface; it may be to the Miner. By another law of life, as hard of explanation as the preceding when the integriment is either distant, or repair test from the purs by dense febron, testure, the ulceration process tables place, not in that direction, but towards a minery or thet; should that be in the vicinity. Serons mentioner, fortimately, her no toch altraction. It ferry films, resists

manufaction as deaperson of the stages haviney filled

the ulceration process, as ale buch tentures do. They when matter has forme immediately exterior & the paritoneum, in the abdomina parietes, it has filsons tenture on either as pech and the external is the more deuse and unyillding. Let to strong is the natural ten durcy outward, when he convenient unever Surface is near, that in about all hich cases the outward propers is theadily montained that the have deuse that and ungetting wirest went, the periton cum for at least lowe Considerable time Remaining entire, Laving the cavity from dangerous purulent irruption. Mercas, when absects has formed in the deep cellular tistue by the hide of the lectum, very often, before it has pointed enternally on the hip, it has made its way by an ul cereted aperture into the carity of the borel. and thena been discharged. And in the Same way, abscer of the lung, or ever of the pleure is more littles to be discharged this the brown chial tutes, the an to make its way this' the thoracir parietes. We cannot too much as mire the wisdow of the arrangement by which important after al cavities are unested by but a tistue as effectually rousts the invoid of and vancing matter; white the succours cauds, for

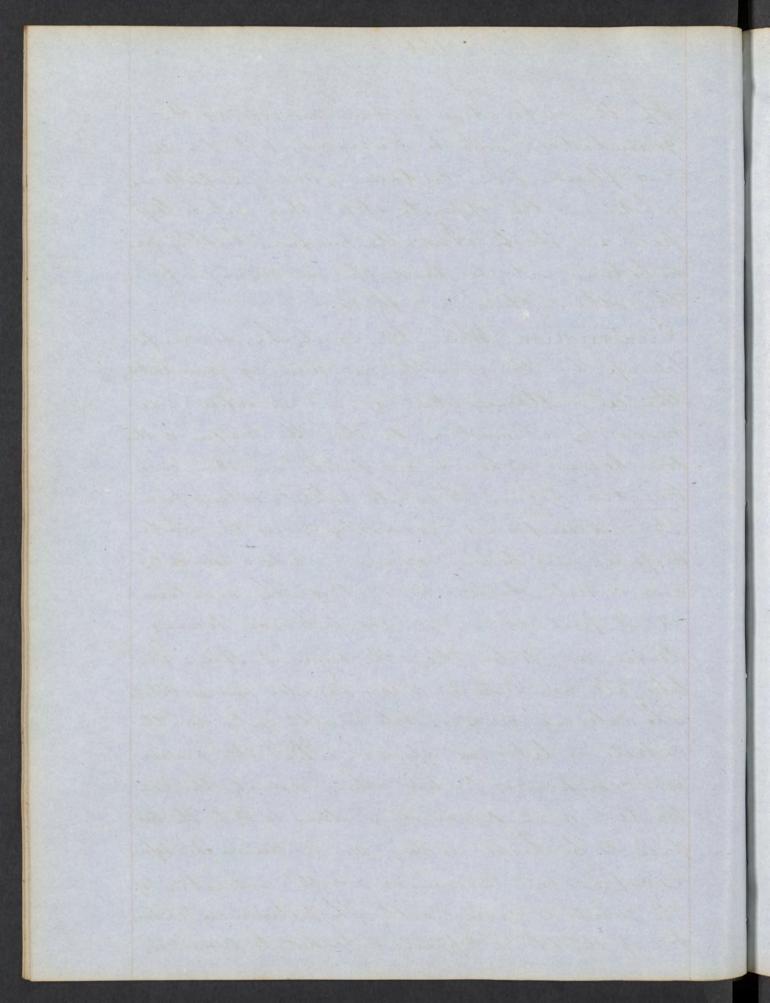
Name of Manual Property and the works

miniating, on the general huface, are calcula Les & receive and discharge the propious formation. Repecially important tistues, the arterial, benow, and the hervous, may traverse the cavily of the abscers: or, the' at find not implicated may be eventuelly exposed to the matters contact by enlargement of the hipported space. Again, by an effort of Nature, buch parts are protectes, at least for a time. They are encrusted by a filtring Reposit, Reuse and confact, which, as it by itself bearing the brut of the pressure occasioned. by the accumulating fluid, Javes the important part which it wirests from wheer ative destruction. Only for a fine, however, let it be demembered; for show the relieving winis in be unwisely withheld, buth the protector and protected are overborne, and the disarters of homorrhage, false an eurism, or mere destruction of tes Sine with certainty ensue. Granulation. The matter having bear dischar ged, the cavily of the abscers contracts, the pelie cle of lymph which lines it is cart off; and its herface be were covered with numerous small, Tes, vascular eminences calle o granulations. There are formed by the effusion of lymph, part of which takes on withat organization, and becomes part of the living buface: part degenerates with pur,

and the land of the part of the second of the land

If the restorative actives are vigorous the granulation with he numerous, but small and flowing from containing many capillaries, which in the office to that they will be layed hade and flabby. And the hus furn healthy prangulations with he landable and creamy - from the others their and fletty.

Cicatrization. When the cavity has be wome fil les up, by the growth and union of granulating the red inflames thin around its oupie is te moves by ulceration, to that the margin of the for become atherent and fixed; and then cica trivaction begins. A white pelicle waters from the circumference, gradually covers the whole hurface, and becomes organized into a hew cutis and cuticle, terme a cicatrip. The cicatrip is at first thin and led, but book be wones denser and paler than the original thin, and lette all new tentures is her vascular and less vitals The coloring matter between the cutis and the Cuticle is later in appearing. But this process is accompanies by two others, in amely, the con hadin of the horrounding Min, to that the her face to be healed is very much dimenished before cicatrization commences, and the contraction of the cicatrip subsequently. The preliminary contrae Fir of the Min, appears intended to diminish



the labor of an extensive reparation: the hobreguent contraction of the cicating is in conformity with a law coplained when heating of Arhesian, and depends on the atrophy of the new by- former hab cutamers cellular tistue. It is also pectech when the heading granula tions, have been pale, flatby, and exchange as in Burus.

But, it is to be remarked that the filling who of a vacancy in the tissues, whether in con beguence of accident, abreen, or wherethin, new not necessarily be attended with heppure Fin, nor with the pseudior appearance of gon sulations. On the contrary, it ale hell be hat. hued, and all irritation excluded the cham may fite up with led lymph, which speedily cicatrizes. This is courtantly observed after the fluing injuries, they som become covered with a deal former of dried blood or lymph, under the protection of which they quietly cice trize: and when it can be effected, larger wounds should be made & heal in the Same way. This form of reparation is called by Ma cart key the modelling process; and he con fews that heither this process nor adherin ought to be considered inflammating, but rather processes of growth and hutrition.

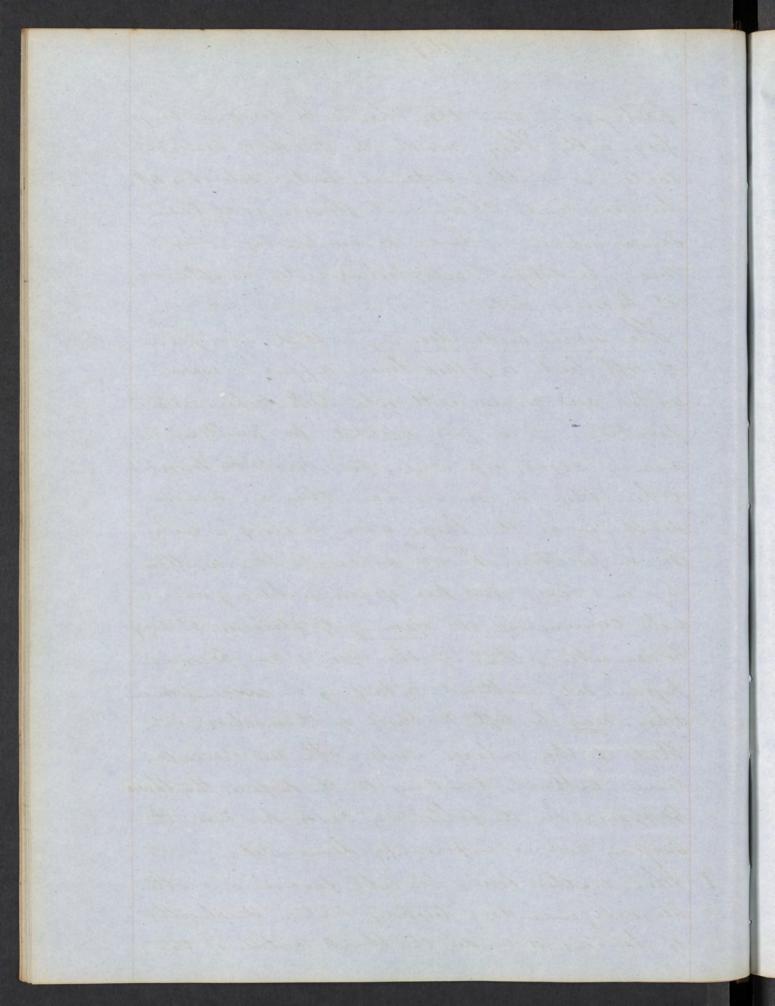
Canses. Acute absens is morthy idiopathic that is depends on constitutional causes, and is a fre great Seguel of fevers it may, however, be caused by blown, ecchy wares, or foreign to dies introduced into the Skin or flesh. Treatment. The willication to be fulfilled in the heatment of acute abscesses, are. I" To remove remaining wiflam. It has aheady been States, that, in the founding of matter, the ac From which caused it usually labrides spiritan neverly. If not, a few leaches or cups and be applied in the weighbourhood, and the other autifold girties are & be artinued. 2" To remove ale boura of existenest from both Lysten and part. The former part of this willicature is that by a continuous of the autifoliogratic remodes; in regard & the latter, foreign matter is to be taken away, muscles relayer, and the part to placed as not to be ruffled or irribated from without. 30 for encourage the matters approach & the huface. For this nothing is to effectual as the constant application of hot bouthies. which welas the Shin, promote perspiration, boothe pain, and encourage the formation of pur. They though be laye - to as not too four to be come cord or dry: they show he roft, that they may not viritate: light, that they may not

all a second of the second of

fatigue - and they thouto be denewed bery frequently. They made be made of head aw water, or will, octured booker tile this top, hisee meal, chamomete flowers, or of transfer es who in a line or muslin bag, what may be differed into booking water as offen us it be comes cold.

The warm water drewing - that is a piece of toth link or folded linen, depper in warm wester, and covered with oiled sick to prevent we portion - is a good habitate for porthices in many cases, especially for irribable long! he When there is much hair they are much to boothing as the large worm man of a well made poultin. It to execuate the matter by an early and per of ening, At a general well concerning the opening of alseeses, it may be remarkled, that if they point and be come peramidal, without entailing in circumposence They may be left to bursh of themselves: but, theat if they enlarge in breadth and circumber leve with out tending to the hurface, they thouse be opened. In the following cases, however the Surgeon's aid is imperevisfy demanded.

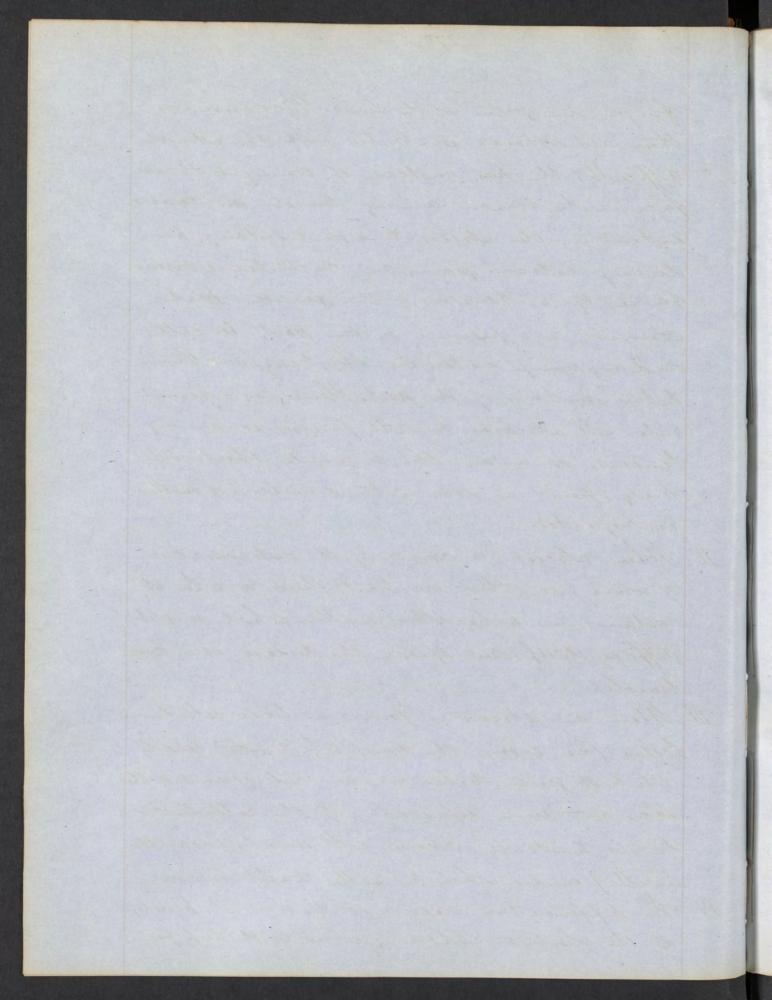
I When matter forms beneath fascise, and other dense ligementous tentures, but as the sheaths of fewdows, or under the thick catile of the



frigers and palm of the hand. Because, as
there are reflenes or absorbed with the atmost
difficulty; the his, wistead of coming to the Sur
face, with hurrow among musches and tendows,
extending the abscess to a peak distance; how
during extreme pain, and constitutional distur
dance, by its tension of the fascise which
cover it, and pressure or the part, beneath;
and anyening extensive sloughing, and the
future motions of the part, blener, as a general
rule, all abscesses beneath fascise, or among
feedows, or under thick caticle, thousand he
fuely opened, as ton as the ceristance of methe

II When abscers is caused by the extravasation of wrine, or other irribant flinds, or when it contains an unhealthy matter, what might affuse drelf, and spread the disease; as in car buncle.

Active for around the ames which would leadily which would readily admit of great distension and entergenent of the lace, and more expecially if the cellular distance, is harticly covered with muster for in the apellas under which the heather Might burrow. IN he happenestion near a foint; or in the panietes of the check or abdomen; or under the deep fasie



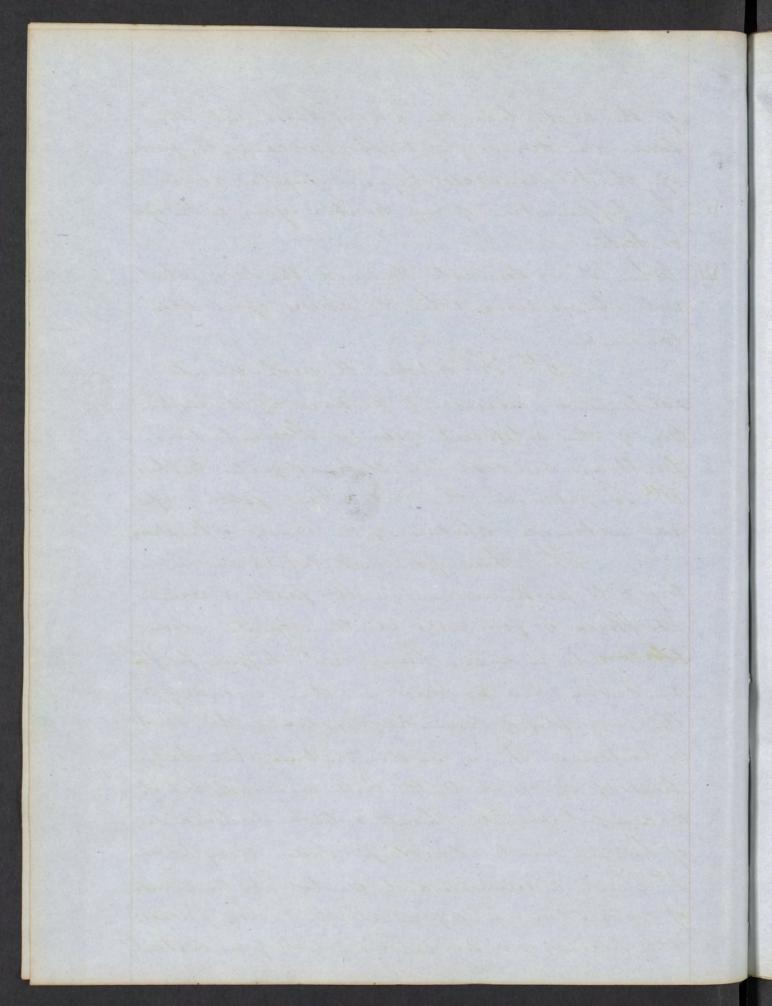
of the mech: but the absent burst into the Serous cavities, or the tracher; or cause compression of the tracher; or figular venis. In hippuration of very sensitive organs, or the eye or testis.

II When it is desirable to avoid the scar which with clarage eisue who the aboves opens spon the taneously.

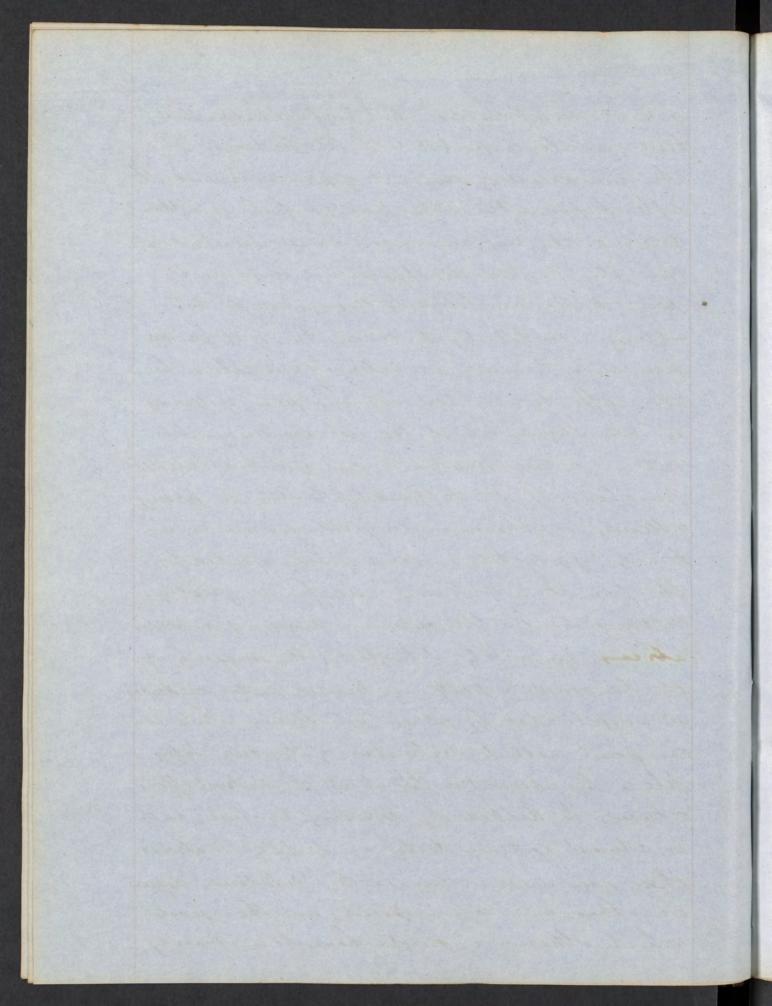
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existencest necessarily huduced by the infliction of the artificial of seeing. Formulations, for the artificial of seeing. Formulations, but file of head resh are still adequate to this. the To promote the Contraction, filling up, and altimate closure of the cavity of the absent, the three first will cation are not long to be persevered in, one the fourth is arrived the seeden and the seeden are the fourth is arrived to the seeden and the seeden are the fourth is arrived to the seeden are the see

long to be persevered in, one the fourth is arrived at Three or four days at the Ament - Some this why as man, hour with heffice, for for mentation and poulties: and then, according to the principles of Some turgery, evacuation that be functioned. It is my don't brue that Nature herself is equal to the turth, unaided, but it accomplishment, thout sellow be demanded of her, in acceptable abscert; for there may accome, I'm Juice is unnecessarily wanted. It then may accome, I'm Juice is unnecessarily wanted. It then the process; the plenge of a Ruife is the work of an instant



and it may happen, not impregently, that time is all cuiportant & the patient 200 An unnecessary amount of pain is endued. The' after hippuration, the painful feelings atter dent on the inflammatory process usually bubide, yet they do not disappear; not empregently. pain continues tolerably severe, and is not asseaged, until by the execution of the mother, pressure, tersion, an alcoration action have been effectuely lemoved. The pair of ofsering is not Shight, but it soon passes away! it is but as a very moderate cost of a most valuable purchase. If the suppurates listing be filling o Seons, or otherwise ungillding, pain is uni found, aggra eses instead of being elated by the formation of pres. 3. Texture is greatly endangered. In the ordinary peoples of an acute al cen, favorably dituated, the majority of the herrownding parts are purhed wille, condused and infiltrated by form and Serum, while at one point actual destruction of texture billes place by ulceration. But if the natural effort ortwords be balked by resisting terture, as it is about certain to be in deeple AD abrees then pressure is vicueso & a deleteria, deque at other and verious points; and those parts which otherwise might have been merely



displaced and temporarily attend in theme June, now become the pury of an action which is destructive. Cellular tistue is troken up, Anusdes are Separeted, peristeum is actaches, bone ulcerates or dies, carities and cands are openes into, bloodvirsels may be perforested, fout may be Stoffend or destroyed. It The danger is not only local but general. Such des buttone results cannot occur, without involving the Lysten in Servis disorder. This would be the case, even hepporing the part to death with to be of theuselves unimportant; but They may be hich as to parities time thurst immediately: hemorhoge may occur from a laye artery or vein by ulceration; then may be violent heft. of an internal terrory cavily, or dogging of the air passages, by hurn lent irruption. It is time that important parts have not only an wherent hower openiting alceration and other dangers from withat, but besides an etrugthene by an especial or twan defence, as already thows; there with avail to protect, until the abreers have been fairly former and indicated, giving notice to the hurgeon of its formation, and of the time for date micis in having arrived! but if this intimetin be highe ted, and this opportunity be ovarlootled.

with the intrinsic and abventitions defende with he overcome, and danger and disaster ensue.

On former times, meturation or ripen ing of air abcers wer talked of as an event always to be waited for, and much to heade artificial evacuation. It was held almost usa Magin in hergery that ere the Kinge could with propriety enter the cariby of the absent this shows have attained a certain sige, not incomi devable, and have become quite hepreficial. Such delay may be taitable enough in the case of Apparated cellular tistue, almost or actually beleatomeons; yet time, and pain might both be Save ever here. And what has fish been said, it is very obving that in all cases where the abscess is either deeply leasted or in the unme Mate vicinity of infortant part, to practice de lay is pish & in our neglect and wite disaster. The general rule, therefore, undabterly is, to mable an early and free of ening in acute ab sees: time and testure are Saved, and pain and per it avoided. And another gower rules arising out of the preceding, is, - that in a truly acate elicets, cure by absorption is not to be calculated on in the heatment. Muder cutain circumstances, however, we

always to the was the force - with the total Kellentherman has been and had emple hit The several real they are and they are their thing and texten as havely and me purposely delay a cenation: that is, when our objects is to obtain destruction of a part. In obstruction of a part. In obstructe glandular entryement, for seaufle, which has revisted discussion, we usually en deavour to obtain information— in the own treture if possible, but at all events in its immediate vicinity. Were we to open buch an absects, the plandular tumour suggest after all escape, and remain as obstructe as before; but, in order to susue its heating up and obsintegration, we delay the opening, that the pressure of the peut up matter may ad destructively.

The opening may be effected by the Minife, or by the Potassa fusa. In the great majority of cases the former is preferring as less hariful, more repeditions, entanting no loss of betstance, and less littlely to excite and maintain inflammatory action which might entered and aggrante the original mischief. The preferable form of cutting instrument is the bistory, sharp pointed, with a fine edge and either straight or cured.

The apendon thous invarietly be made dependent: that is, at the lower part of the cyst, in order that it may affect a fee and sufficient drain for the purulut flind

the theology - that year the cold of the state

but also favor contraction of the original cavity. And in determining the point which is much eligible with this view, we much of course, take into coisi deration the posture which the patient is to occupy during the case: which is dependent in the erect posture, may not be so in the secuntary.

Sometimes abscers forms in the vici sity of large and without bloodversels! as in the neck. And it may be alleged, in excuse for delay, that early vivin cannot be made in het circumstances, without much risk to the versely. It is not to. The abover is a Sefen potention from the point of the bistoney, being interposes between this and the versels. They may be injured, it is true, by a redless playe of the Printe, or an une ceMarily enters in thrust but hel things are not contemplated in the hands of a duly qualified practitioners Any considerable quantity of matter having former in commendate contact with the common theath of the large bloodversels of the neck, are incision may be made fearlessly down on the ordinary and hormal tite of them parts, without dread of harand. When the incision has been made

Some Laborary State of State State of the same of the day of the decide of the day of the

this a considerable thickness of parts, there is a chance of the line of the women uniting preventurely; ere the cavity of the aboves has been closed, or its interior has ceased from for above, or its interior has ceased from for when the secretion; he establishment of the aboves mecessary, results. For avoid this, such prevature union is to be prevented by the lodgment of a foreign body in the treck, as for wanter, a thin slip of lint wiseted gently with a pole, and when it will the probe, and whence is not only immecessary, but injurious, having at the time, and cutain to exist probably followed by seen and more entersine of the probably followed by seen and some entersine apparation.

Equally wary is Equesting of the hast after incision. If the opening be free and dependent - as it should be the matter with fried its way out readily enough.

for certain cases the Caustic is here
fored to the Ruspe, he thoule chromic abscers,
in which ofsening has been delayed, the intege
ments are attenuated to a considerable up
tend at the most preprivat point. In dis
chage of the matters they have not bower to
effect cohesin with the hiljacent parts, and
heresh tooner or later, either by alaration
or by Stoughing. The use of caustic under help

with the state of the state of

circumstances not only open the abscers but, by at once destroying the feetle and their in tegement, experites the heating process and Conders the cicating both more dun and Sile. Or, in addition to hich a thate of wathers, obstriate plandular entargement may exist, the absect having formed in the cellular tistue around it. Here evacuation to be performed by in is in, this pland would continue to project Certifally from the wound, and thereby delay, or altogether perhaps prevent cicatoration; bender, it is an object to get with of het mor bid Structure, even hopposing it were not an obstacle to heating. Set the caustic which effects the integenmental opening, be thorist wito the pland in one or more places, and the result is a disintegration of the whole, by hipperation. Also, if the patient decidedly objects to the Knife's use, from timidity or briginice, and unvisely them one pain to incur a greater, the Caustic may be engloyed. The best form is the potalsa posar pressed firing on the part, until the absects is entered - moves lateraly also if new be to destroy integerment - or pushed deeply to break up glan Auler entargement. A little vit is then explice, to mentralize the reducedant alleli, and to save the les rounding parts, and the whole covered with a pouttice.

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Cold Abscess. Tus carners be produced with out Juff, but the latter may exist in to Hight a depue, as to be I carcely, or even what all, of servable, and, on account of the too slight vital activity of the organ, and low State of the hornors power, and of the planticity of the blood and the diseased diathesis, a thin deron pur is pur duced wethout the appearances of heft, being manifest. The circumscription also of the pus in a definite carity, proves litrourise that heft. thust have been present. Abreesses thus originating are called chronic, cold, or lymph obscesses. They are always the consequence of a general cacochemic or dyseracie affection, and arise either spor Ameously and Commonly in many pleas abonce, or are produced by external cuping, and their evers tena may be often unsuspected for a long time. they are mostly lived with a thin, reddish grey, districtly organised cyst - and there is title or no vascularity in the parts adjoining, and the pur usually is Lerous or curdy. But Sometimes the cyst is thick and cellulo filrous and the matter concrete, to as hand, & differ from an engeted Aumour. Chronic abscuses an offen deep leated whitsh the acute are morbly superficial. The commencement of cold about usually dets in without any perceptible local appearance,

with dimenution of appetite, general uneari ners, stight fatigue, disturted sleep, and to on. Nech there appears or some part of the Surface of the body (where many patients fewer they have had a Lord of prickly lensation | most commonly between the shoulders, on the chest. on the lovis, on the apper part of the thighs, a Smale, not discolored, clarki, scarcely fluc tuating helling, which is not puriful, and at the atmost gives the patient an obscure Leuration of tension and weight. Graduely the hielling entages, often to a considerable size, the fluctuation is distinct, and the Symptony of a disturbed assimilation be come more man Red. After a Shorter or longer frine the Livelling beguis to be pariful, the Shi covering it to deus, be comes tense, the general appearances mentioned are more decided, febrite action sets in, and the whole counter and of the partient is cachectic. The Ellin, continuing to their, at last healts, and a grantity of their, puslike, often completely hutrid and Atin King flind is evacuated, followed by a clear discharge, which, if the neighbouring bone be destroyed, is of an ichorous character. By this great loss of the fuices are by the col liquative weats and purguy, which . Loon

but in, the howers of the patricit are soon brother up.

he slight cases the Armaly of the air causes the interior of the fac to pour out graun lations: the readeried thin around the orifice al cerates - and the Love to former may heal. If the restorative powers are weath, or the parietes of the Sac have been enequally presses to gether, or the abrees is coursed by a piece of Dan diseased bone, or some other permanent Source of viritation, which is not remove, one or more Linuses may remain. He on the other hand, the abover is very large, or it, after the admission of air, the pur have not a fee loit, a most dering train of consequences wete eigne. The pur exported & the Amosphere hutrifies - the hydrosulphate of ammonie Ithe product of putrefaction is absorbed into the blood - the interior of the Vac unflamer. harty from the critation of the air, but chiefly from that of the hutrid per: and then the frave and irreparable local disease, to gether with the contamination of the blood, widne typhord fever, under what the pe Freit Links.

Hence the danger of there abscesses with

of the state of all the state of the state of the state of

be great, if the dae has attanied a large tize, and has advanced to far toward elevention, that a sportaneous and permanent aprevance is inevitable - more especially if it be connected with disease hip or vertebre, which keep up the secretion of pay and present it from closing.

Treatment. When the abover is small, station any or nearly to; or, of itself thowing tipes of Recession by absorption, and here experiely if to Schrated as & leveder the avoidance of deformityby cication desirable - discussion is by all means to be attempted. The general Lystem is to be put in food order, particularly as regard the Secretions; the patient is to be deried much liquid of any Kind, and enjowied to live sparnigly on dry food. The Sodiele of Sobassium is the administered. internally beginning with small dores, and a direct Stringly to absorption is to be applied to the hart. Of these the best is the Emp. aumoniais cum Hydrargyro, or a diceesiin of blister, when one is nearly healed. But, on the whole, the preparations of bodine, are preferable, either in the form of out ments or of simple blution. My own experience, in which I am borne out by A. Miller wond recommend the latter form, or eather the Timeture applied with a camels hair brush Even here great cantin is requisite, and

to the second of the second of the second of

should high of overescitement affects, it must of course be at once deserted from, and not resumed until the chronic state has been again established. I see voyage, more especially when somewhat per hacted and rough, has been often form effectual in discussing small chronic abscesses, as in the nech or grown. Probably in consequence of the propose and continued exchalation from the general sources surface, along with abstincence from almost all ingests which hich uncomfor suffer circumstances usually produce, savoring absorption in a high degree, and pechaps also owing to the action of the bodine are othersals contained in the water of the Ocean.

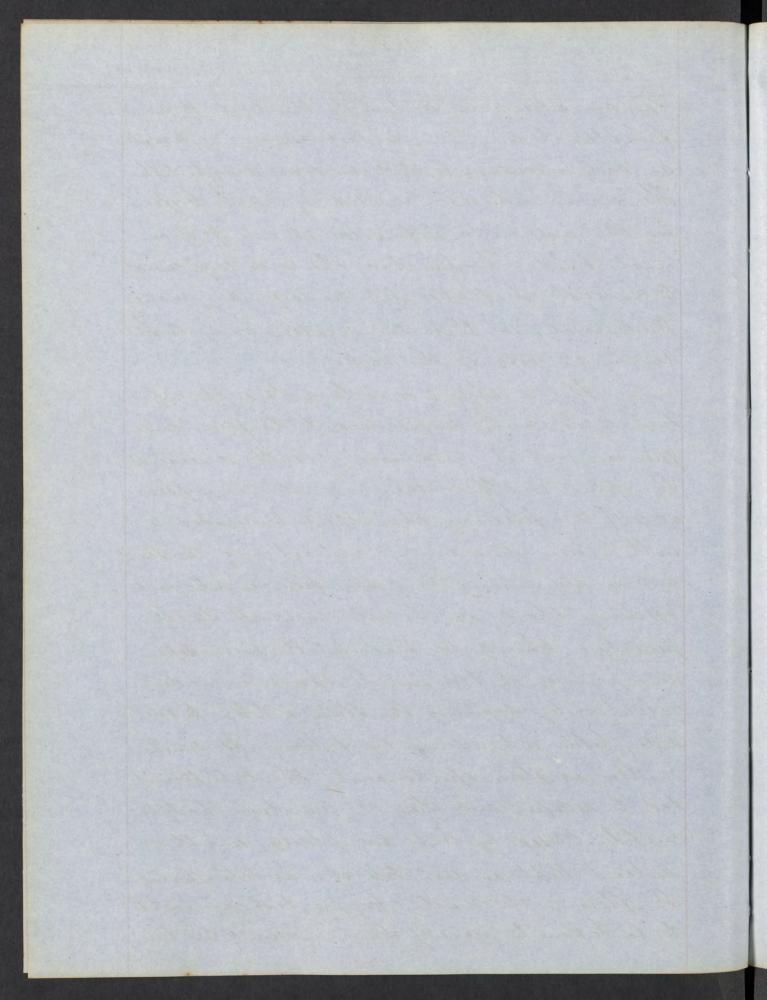
When a Smale chrome abscess is not the formany but steadily advancing, and more especially when it is situated in an important neighbourhood, it should receive the Same treat ment as if it were acute; that is, free, early and dependent incision, leaving the part to gram take and cicatrize.

In Some cases when a considerable pation of their has become their and red evening that it will certainly alcerate, and form a large after time, it will be advisable & apply the putassurfusa, to as to destroy it, and avoid the some painful and tedious process of alceration.

cently within it is to the half in the contract of

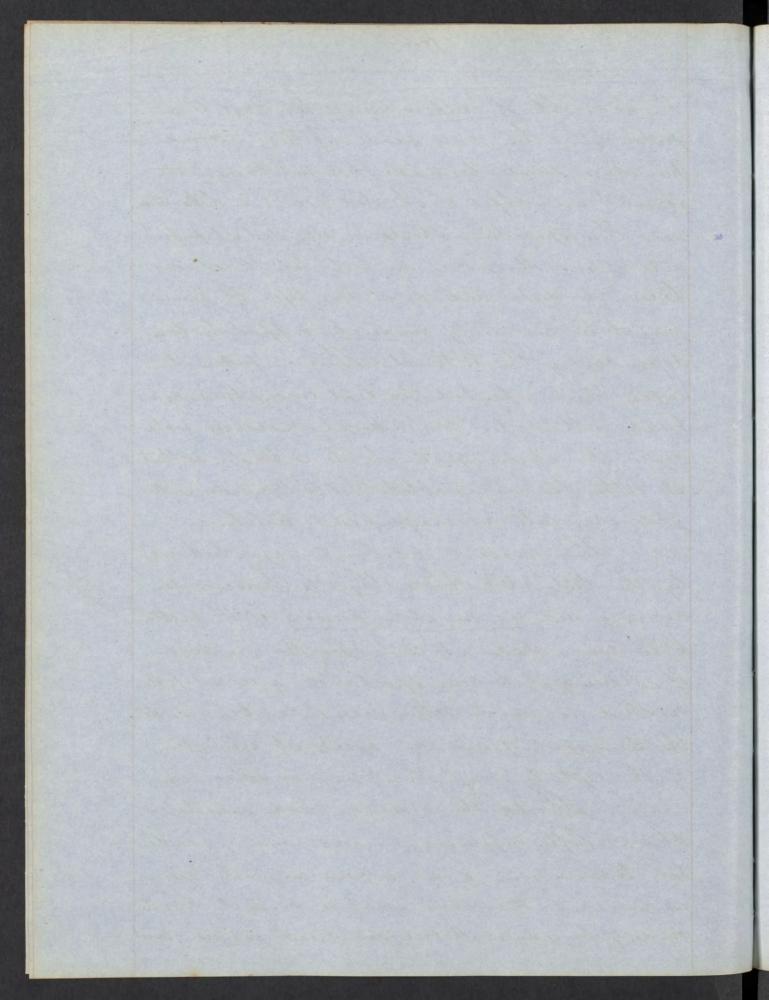
female, it is of the greatest consequence to make an early of sensing, to that no sears may be left. The wistrument secondmended by Sir A. booker for this purpose, is a fine laucet, only 18 of an winch broad. The hunchure thousand be large mough to extract ale flakes, but no larger, and make transversely, so that the cicatries may be hid den by the folks of the needs.

If the abrees is to large that the unpoture of the cavily might lead to dangerors course quences; or if it is connected with disease of the Spine or other bone (as in the Case of ploas abscess the following plan thouto be resorted to with a view of inducing contraction of the Lac, and of driving the larger from a Labrequent opening shows one be established. A Small pun eture should be made at the most depen ding part of the fumour. It that be made valvuler by drawing the Min a little to one side, before introducing the bistoury. As much matter as flows sportaneously should be permit ted to escape, and then the hundre chartobe Carefully Closed by link and plaster, and the patient Kept at nest till it is heated. Ouring the flow of the nather the greatest care ought to be taken to prevent the admission of air into



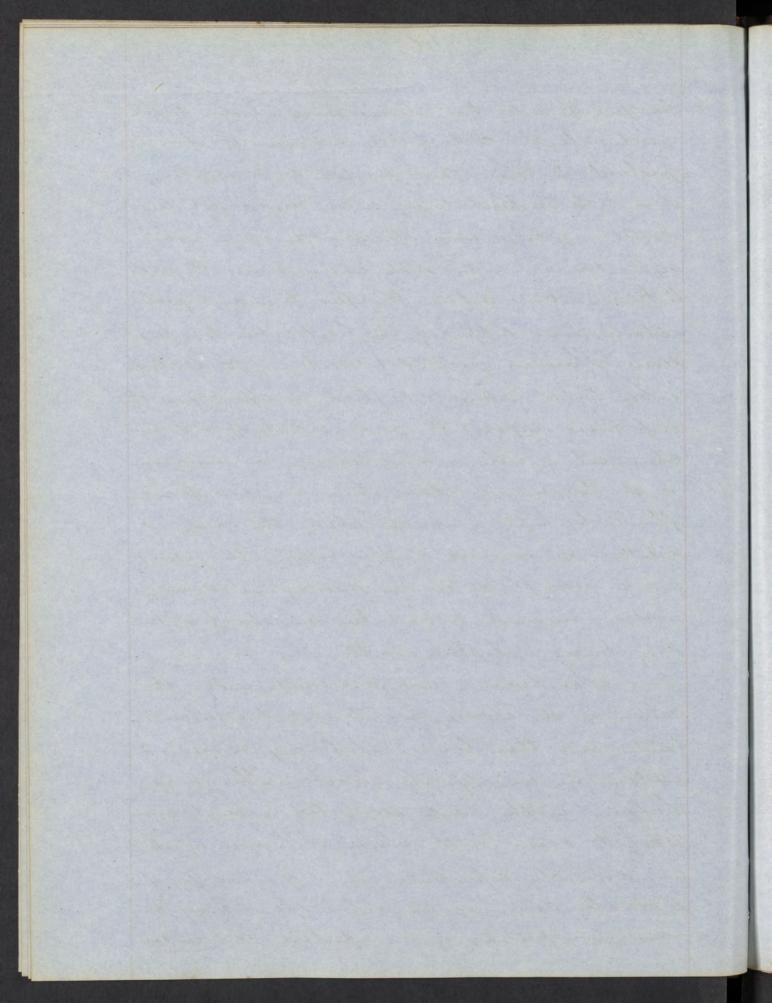
Her Sac. At the enepiration of ten days, or a fortnight, when it is heady refilled, a Second hum Aure shouts be made I hat not too near the former) and shouts be heated again in lette Man ner. This operation should be repeated at propen intervals, taking care never to let the absens be come to distended as it was before the previous from other, and using moderate support by bane days during the interval. Thus, in fortunate cases, there repeated hartial evacuations, combined with proper constitutional measures with cause the absens gradually & contract—to that it either becomes completely obliterated, or the generates into an insignificant fishela.

This mode of headment was introduced by the tate il! Abernethy. He however, he commended as much as horsethe of the mother to be evacuated at each operation, wistead of allowing it to run sport an earsty! which latter method is much better calculated to preclude the admission of air, and avoid, all cricketion of the cept by lough hand bing or squeeting. Should the velocitar mode fail; that is, though hand ling or squeeting. In out the nature of air, or from any other cause, an is tank transition must be made to the other mode of procedure. If free and direct in wiscon much



be made with the abreer, to as at once to eva cuate ale the contents: the hibrequent action with probably be seven, and peritors to the Lythensyet it is to be unheritatingly en countered, as the less of two ents. For were closure of the obique wound mantained under buch circumstances, the cousti lution a out he certain to suffer & a much quater extent, even hepping the total action to be less Levere. There is great actorioration of the discharge a bas Kind of purulant flind is effused from the inflame surface: the general contents undergochemical as well as what change, in ausque of the presence of atmospheric air; and of hich flied be lift penh up within the carily, at softin of norsins matter both in the gaseous and in the fluid form, is insvitable, in during a grove amount of irribative fever, burbetly ten ding toward a typhoria resutt.

Sometimes - in deed not infregrently the cavity of the abscers entracts only & a certain up tent: one then be comes stativing, or higher to extend in an official direction. This may happen in the acute form, but is much more likely to occur in the chronic. The opening which was originally dependent, and before the first for of fe other also draining the whole space, may be come insufficient; a new aperture or counter



may haffen that when the absect how been larger undulating in its outline originally, or home to subsequent extensions, two or sure such counter openings may be necessary.

All coration.

Alleration.

Until letely, the Hunterian theory was generally received, that wheretin, or the process whereby a heach of continuity is effected in a living tolia, by the action of the part itself, was the esclusive work of the absorbents. Without derying that aboutton, by both lymphatics and remis, goes on to some wetent during ilceration, and that a part of the destructive process may be to produced; yet, there is every leason to believe that the major and most wifertant parties effected in defred ently of that clay of versels; and that alceration is a product of true heflani: consisting of, first, a withat wiftening of the change and hippurted testine, which then undergres molecular disintegration, and re duces more or less to an apparently fluid form publes away along with the purulent dis Chargo.

Alleration, like mortification, mag

First, it may be preceded by inflammatin

that is, by a Stagastin of remons blood in the capillories, this course, however, is denied by de? Millers, who lays, that Conjution is the predisposing not the minerate course, favoring the occurrence of hell. which in his opinion is the only come of alceration, but from which, with all due deference, and district in our own pidpment we much be allowed & defer

I Suffammatory Ulceration. The formation of an Weer this wiflam, is precisely smilar & the formetion of an abscers: the only difference being that the former commences on the hurface, the latter in the Sahlance of a part. Suppose the Min to wharate from the application of remed prison, for instance. In the first place, its huface inflames, and exudes derum or inhealthy fus, which elevates the acticle with a painte or pustule. When the pustale is opened, there appears a little holow, filles with a whitish or prejish tenacións muther, construiz of the historia of the Shin Nelf, which has look its vitality and is about & leparate, and of hyugh or of enchealthy bladly has with which it is infil hater. If this is wifeed offer the huface under Mouth is Leen to be led, and it last, bleed, Supposing the case to proceed, there is formed

a chasm, eaten into irregular hollows, with intervening led eminiones, which easely bleed if for che; its edges are lagged, loose, and undermined the horrounding thin, led, hot, and Swallen: there is a thin Lerons or bloody discharge, and a constant severe granning pain. An aleer howing there che larters may always be considered as extending itself.

An exerciation is often the first stage of this Ried of ulcer! that is to say, a portion of shim inflames, loves its cuticle, and discharges matter, and the exconicate portion may either heat, or, as we have push observed, may alcerate.

All cert spread with varying degrees of repidity:

An attack of violent well. may cause the deeth

of a considerable parties in a very that time: this is

said to be a Majbring alcer. When an alcer spread very

lapidly, but regularly and without slorghing of any

great portion at one time, it is called phagoedenic.

And when it spreads more rapidly still, not by one

fit of sloughing, but by the constant willerated morti

freating considerable layers, it receives the have

Congestive Illceration. This may be very briefly descrited as it occurs on the legs of old dispetal people. I Small portion of their, has its capitleness distended with venous blook, whose return is heavy

11

Marine State of the State of th · Santata Mark and all all

or quite hispended. Some of the Lerin Couth which the celebra testue is already distended few ades un der the cuticle, laising it into a blister. When this is lemoved there is seen a darkish layer of Stoughing Min. This, like the last, may spread with every depree of rapidity: but whether a large tract of Min mortifies at ona, or whether the Smallest por tion elcerates, the process is one and the Same. III Combination of the los forens. But it most gone Rally heppens that alceration consists in a com brightion of huff, and congertion: that is, in the wifl of a part already conjusted, or incapable, this' weather, of dephating high without loss of life. It may be observed also, that aleers which have commerced this congertion may be extended by inflammation.

Sectain Vislacs are more prome to where from them others; there much dispose thereto, are the thin, with the mucous and squorait membranes. Hear these it may spread to other subject his has, which yield to it with varying deques of sapidity. The cellular distant alcerates very easily; but mus cles, bloodversely and nevers, very slowly; to that they often appear to be as it were distected out in spreading tones, by the destruction of the cellular his bue around them. Tendows and liquiments are also very flow to where the castilize, bour and the

who we at the plant of the same of the same of the

cornea, are in certain constitutions extremely liable to it. Often advantage is derive from this; southwess with. The comperation unimumity of the nervous and vascular tishus is plant, beneficial; and, in lette manners it is often fortunate that in portant parts are protected by fothers expansion, which can be constituted for a time, the encreachment of sufferential, advancing from without. But when the purchase collection is within the fibrors layer, then mischief is likely to a come: was much as the network tending of the pur, outwards - by whereastion of intervening tenture — is opposed, while they are important parts suffer save, by the thelay.

The causes of likewation are the same as them of Puff: and the constitutions much liable to heffer, are those which are debilitated by in temperance or brientions - tainted with hyphilis or scroppla - or hollen down by the recession use of mercury.

The Parts most disposed to it, are those whole circulation is most weak and larguid; as the lower cetremities; and more especially if the return of their venous blood he is any way impeded by a variew se state of the veries. On this account tale persons are much more frequently affected with alcers of of the legs than

the thort. Sir. E. Home states, or the authority of Dr. Young, that 22 out of 145 tale men, and only 23 of 276 that men, were discharged from a legiment in the Weet Indies, in four years, on a ecount of when, and this is one of the chief leasons for rejecting men with various veins in the legs by army decruiting hispoons.

Saits herely formed are, as has been before said, more liable to alcerate them those of original med formeting. And this is expely true, whether they have been produced, I'm in consequence of injury, as cicatories and celless, or 20% whether they are developed from hypertroppy of a Standard trother is as cutament, trumours, which offen smain stationing for years, and then, from some slight irritation, with give rise to the most destinative and spreading alceration; or 3 who whether they consist in the definite of a testure alie to the hornal organization. Thus can cerous diseases consist in the definite of a new testure, which, from its low howers of vitality, yields after a train, to disagain Zation.

he constitutions or harts predishore & it, the slightest initiation may be difficult to excite alcerature, he the healthy it may be produced by the continuous application of some irritant, so as granuly to we hand the what powers of the

and the first of the second se

part- buch as continued pressure; the presences of viribating thind; or depraves secretains. But it is not easy to excite germine spreading wheretin in the healthy, unless by tome specific cause, as the venereal, or some similar poison.

Reflammation betriding, to dues alceration; and the action of destruction is followed by that of repair from - granulation. The succession may be lapid or Stow. On the occurrence of gaugeene, the dead put is Leparated from the living by celceration; and in the furrow to formed, the two actions of destruction and reparation are usually here at worth together and in harmony. The alceration has not procee ded much deeper than the true Min, when at leady in the true thin granulations are being former, as if with the view of at ona closing the breach and atoning for the lost of hitstance. Whereas we find many a breach of hurface in the lower links, in which atceration has for weeks ceased, but in which then may be no reparative effort for many weeks to come.

Alleeration may be attended with constitution at Lyngtown. If acute, Tafl. persisting, there may be febrile distrubuna of the inflammatory type. If chronic and tedious, with a proposion of discharge, he ctic may ensue.

A CONTRACT OF THE PARTY OF THE The second secon

Allcers.

It is neither easy, nor absolutely necessary to fine a vigorous definition of the term where. For all useful hurhouses, it will before to vay that it signifies a chasm on the surface of any organ caused by the destruction of a portion of its substance by discuss; or by an eigury which has not been repaired. The following rather sure elaborate definition is by Chelius "An when sure elaborate definition is by Chelius "An when sure elaborate definition division of organic parts depending or originalisty of the vegetative surcesses, and accompanies with

of the vegetative percesses, and accompanies with the Secretion of an ichorors and Jamois fluid, and a continuing destruction of the parts in which it is sit. noted. Man are therefore distripuished from ab. Seesses and hoppurating wounds, but may originate from them, if by a change of vitality in the hip

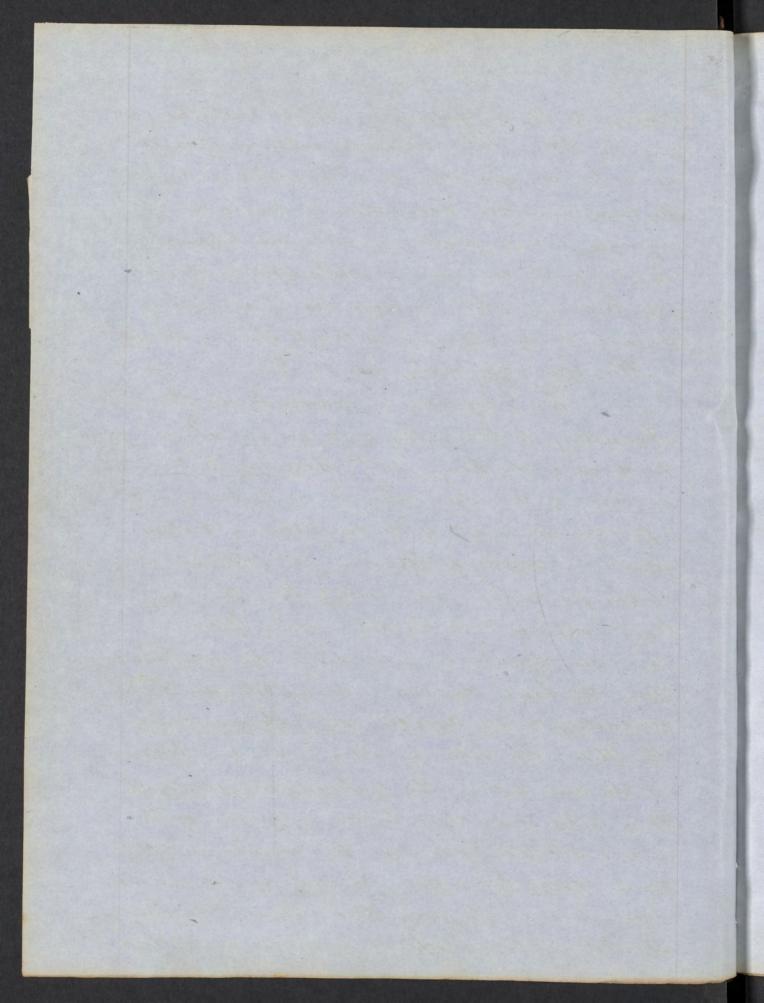
porating hufaces the process of regeneration be converted with alceration, or alcerative absorption."

The causes of whoen are either internal.

or external. The former courists in a pearliar the viation of the whole organism, or of single organs, from the natural type, with a great degree of weatheren and Habbiness, or with those diseases, of which the ground depends on tome change in the assimilation, for instance, acute and chronic emptries of the Skin, Scroppla, syphilis, gout,

Control of the second of the s Sewery, dropsy, beforesin of the usual Mischarges, and the little. These diseases, either of theusebuy or after the operation of an occasional cause, hundred and alcer. The enternal causes are all eigenies which, broducing wife, and hippurchin, brech up the commercian of parts; wounds, abscuses, the healing of which is prevented by an existing disease, or by unproper breatments specific diseased matter operating locally, and the little.

The Troquosis in alcer varies. Im According to the nature of the cause which produces or hutains it. 2? According to the position of the Ween. Here the importance of the affected such and of the neighbouring tistues much be considered. Meen in the Skin and in florly parts head more readily than there in tendicions parts or glandelar oyaws. Meers in bour are always very intractable. In heats distant from the heart the come is always difficults, 3:09 according to the direction and externer form of the Meer. The older am where is, the more tedious is its are, and if this be forced, dangerous Lymp for may be produced by the hippression of its usual Lecret in. The more foul an ularis, the more sporgy its bottom, the more wested and hor denes its edge, the more Monditioned the fluid Secretes in it, the deeper it penetrales and the larger



the destruction of the 10th parts which it produces, the sure difficult is the care. Home where are generally sure Actions in their cure than oval ones. It the according to the beauthertin and after of the patrick. In young subjects, if the constitution be little affected by the reaction of the little affected by the reaction of the little is quicken than in old and ahead, such debilitated persons.

The Shedent and even the young prace titioners are too aph to regard lightly, and heat as dry and uninteresting then every day occurring in the practice of hurgery; but a lettle reflection with show them that they err greetly in buch an extrincte, of what in truth constitute one of the much important classes of disease which come under the hargeon notice. The very frequency of their occurrence lenders it eminently necessary that our ask should be well prepared with an efficient remed q: the more especially when it is Remembered, that there accidents are most likely to befale those whole links are of most value. The rich man, even when otherwise comparative by unhealthy, is rarely affected with alcus of the links. The poor and labouring man is too often declothed, hand-worked, sometimes de-fed; ale day in the wech protuce, offen wet and weary, and liable to external injury in the exercise of

of his calling: and it is in hich member of the community that by for the greater unber of wheers are found, and usually of a formidable Ruid. Shout the disease threaten in the rich, he lass himself up forthwith, the suitable Umdies are employed - of which perhaps rech and posi Fin are the most important - and in a few days probably the part is cicatrined. But the poor man caunt afford to do to; his luit is ulcerated; as yet, however, it is not very pariful, and he works on; it gets worde, but the exect porture or this practicable and it is mantanied: and often it is only after the fore has both inflamed and Houghed, that the Stort hearter laborer about dons his work, and applies to the hospital or & the hurgeon for relief. he properties to the reliei tunce of his application, is his auxiety for res boration; his family depends on his exertions for food: and if the period of come prove too protrac Aed, priching hoverty with too kirely be their lot. Thus a heavy responsibility may be almost daily thrown on the practising huseon: which he trust be fully hupaies & meet, else his life carnet be one of either happiness or contentment. But as the right understanding of a disease, is at least in one Seuve, half its cure, we with horces & con Inder this hobjech have minutely.

of the first the facility there are the second of the facility A COLOR SELECTION OF THE SELECTION OF TH days he was a solder to the district of

There is no more deriving error than that of upelusively heating disease by have, and in the abstract: instead of inquiring carefully with the nature of each individual example, and bringing forward remedies appropriate to each Light or typic form, as they may recur. And there is every leason to believe, that hack careles generalization in practice is found to affect the heatment of no disease more pregnently than that of wheen. The lotion, one outtuent, or one plaster or pultice, loves to be regarded as quite a panacea, and is use in ale cases vidiscriminately-whether for benefit or hunt, being a mere matter of chance with hwbitis bearing sund toward the latter. To avoid het injurious hapharand in treatment, it is essential that we understand thoroughly the nature of ale the varieties of tore: and toward this ew there is withing to useful as a light classification: each variety showing to distin quishing characters, and bearing at the Same time its appropriate heatment. Not that we mean to designate each as a deparate disease, but only as a Separate variety of the Same disease - Weer; entreating you to lemember that in the treat ment of such affections much care and watch fulner are required: inesmuch as they have a great tendercy to han from one form wito another

the second second of the second second second second second A Property of the second with the hard to the same in some I seemed the starting it is everythick the term will appropriate the state of the s they are those in the Heavy or Margar as a refer the design in which is the who was need the house of the design in

and that by no very gradual and protracted transition: and that consequently an applica him which is altogethe tritelle one day, may on the week become very inappropriate. Classification. Meen present many varieties, which may be classes under three hear. 1. They may be in a state tending to reparation; as the healthy aler: 2 their huface may have an imperfect for of organisation, under which they many be in capable of healing, this they are not necessarily spreading: but weak and in tolent when are examples. 3. They may be under the influence of the destruction houses which formed then originally, and which is Itile coursing them to spread: as the phagedonic. For the Sake of greater convenience they are this further holdiveded wits. I. The swiftle purutant, or healthy fore. 2. The wealt. 3. The Scrofulows. S. The Indotent. 5. the Irritable. 6. the hipland. T. The Stoughing. It The Thegedonie, 9. The Stoughing Phageorena. I The healthy when is swithing more than a healthy gran lating and creationing hufice. The granulations are Smale, numerous, florix and souted, and yield a sunderate beenting of healthy pur. The edger are mooth, and averes with a white, deri trumparent believe, which is gradualy lost on the margins of the grantations. It with he lead

in such as a supply "

lected that a healthy tore of this description with be preatly diminished by the contraction of the himomorping thin, before any cicatrization has a chicky commenced.

Treatment. The only treatment required with he a with dry lint, if there be much discharge - or the water dressing or desple outwent, if there be not. If there be not much discharge, the dressings should not be changed more prequently than every Lecand or third day. If the granulations are too lenguricut, they may be bucked with lunar caus Sie, or helphate of copper, and reused with dry link or the fore may be reposed to the air for tome hours. If the granulating huface is very water live, or it all applications disagree with it, as Sometimes happens, it with be expedient to four a Seal or its huface. This may be done by allow my the pur & dry, or by sprin lling a little flows, calamine (prepar, carb, of Line) or chall to about A. But the best plan in there cases is to pair a thick of lunar caustic over the hispace of the tre, as lewwwalled by the Higgin to thom. This Salt wistantly congelates the fluid on the Pore, and forms a white pelicle, which from becomes dry and black, and is much less irritating than an ordinary Ical. of the seal ach favorably, hep peration ceases, and cicatronation with be found

the market of the light which has a the complete when it is detected. No other thering is required except a price of polobecters thin, and a shight bandage, to prevent injury. If his continue to be former, a final hole thouto be made in the middle of the Scal to let it out.

The Weak Ill cer, is usually the result of the free ceding, when from any cause, local or constitution al, cicatroration has been selayed, and sebility has usuaped the place of sufficient, and sebility for ers of organization are deficient. The grain lations are large, pale, flatby and ciscusible, vising above the margin of the shin, and showing his disposition to cicatrize. The discharge is feal and thin, the derum presty hudominating over the solid particles: there is last lettle fibrie, whother going to waste as hus, or going to repair, as grain sulations.

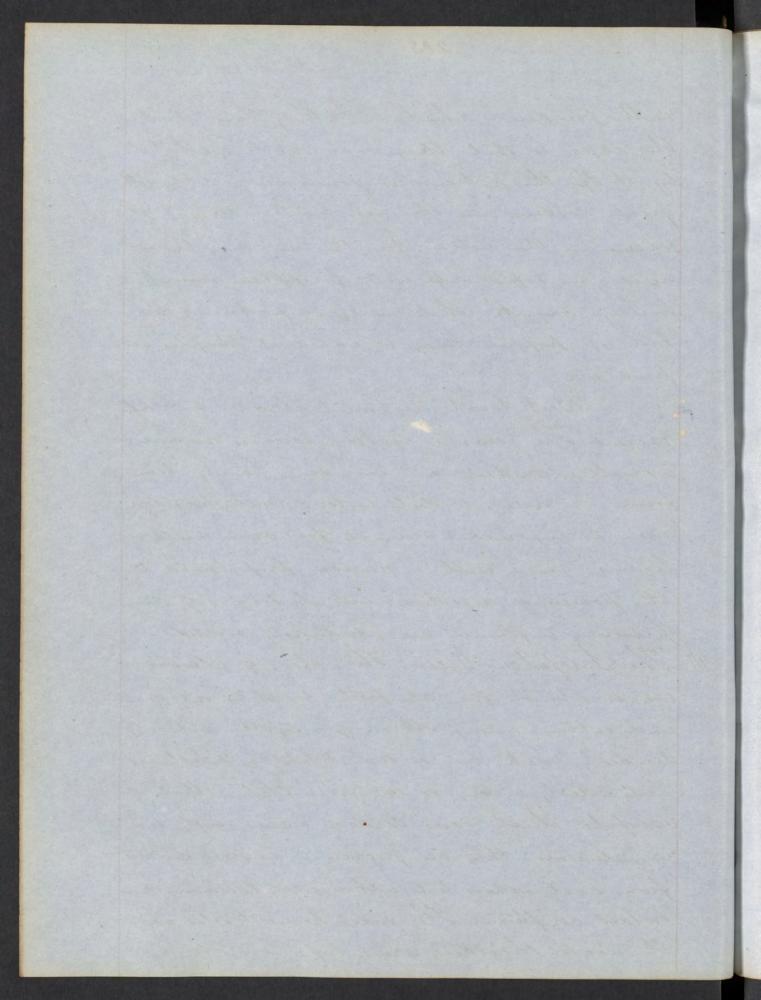
Causes. This state of wheer may be owing to subdity of the lystem: but the healthiest fram latins, if their healing be belayed, become weell—and conversely, if any granulations do not ciec trize, they shows be considered weak, and heated, accordingly.

Theatment Prevent in being better than come, it will be our object to prevent beeline from the healthy condition, of circumstances place this within our power, The widi cations are & any

ment the vital forces of the granulations, and to restrain their easterant growth. The graun lation getting pale, fall, changes both in form and hunter, we abandor the druple waterdressing and have recourse to Strinulants; gentle at finh, lest over a ction be widered: in avoiding one obstacle, we take can not & encounter another this more opposed & the healing hercets. The piece of hint wistead of being steeped in plain tepid with, is daturated with a tolution of a Armaleting nature, buch as helphate of Line, or copper, what of Liber, chloride of toda, cressote, etc. If the granulations are extremely exuberant they may be destroyed by exchanticis, but as the Sulph. of copper - or touchines they may be thouse of with a thing things: but it is better to cause their removal by over striculation than by actual destruction. One of the best applications is fine dry lint. which by itself is an exallant Itime land. The formation of a crust or deals a cer ding to de Higgin bottoms plan, with lunar courst. may be often resorted to with advantage. It the Jam tim pressure by means of strips of whesive plaster, or empresses and bandages, are necessary to prevent languar of the circulation, especially it the muscles are wested and Hably. In some cases a Scal may be formed, by covering the low

with por den a khubarb, taking can to oil the edger, to that they may not be in iteled by it. If the patient is young and weakly, with great coloners and blueness, and ten dency & to ded ema in the estremities, the lumb may be impressed in topid talk well for fifteen minutes twice a day: to which an eguel portion of decomposition of proppies may be added if himples are for duced.

Dut local treatment alone is not hef ficient. The general hystem regumes our aid, as well. Secretion and exerction, having been found in order, or duty restoud, untritions regi men is enjoined: annual food, were, math liquors; given with a freedow perportunia to the power of dijection: and ele tources of de pressing influence are studiously avoided. III The Scrofulous Ulcer. This day of wheer is weak about from the first: for it is only one widication, among other, of a Lysten who only decidedly weak, but of but debility as established a decidedly vicions or cachectic that - that of Ocrofula. Such tores seldom accur lingly, but in clusters: they are gregarious: at first distinct from each others but altin tely becoming here or less confluent. The most prequent liter and, the neck, shoulders, arms, hips, lower links,



especially in the neighbourhood of the articula twis. The Loves entered more in hurfer than in defith: yet their origin is not in the Shin, as most other when are, but in the heb-cutamery celeular tis one. The commencement is made there by Aubercular deposit, causing inderestin de enlargement, at first parilees: the perverted Was arlan exten Lets in of a higher grade than the merely nutritive, and the consequences are, pain in the infittrated part, in crease of hel being, and revaers of the heper wishere witegument, with the other ordinary higher of the chronic wifl. percess: imperfect hopper at in takes place: the holling toffens and hits on pressure: by and lage fle Anation is feet, and the fluid is keen this the integerment very much attenuated! but there is no regular bouting; about the whole of the integument over the hippurated and in filtrated park be comes thin, blue, and traves lucent: it gives way houthy by Houghing, partly by wheeration; and then'the laye, lagged, in regular apertine they formed, the thin pur, wette broken down Aubercular matter, and portions of Houghing cellular tisque, is discharge. For some Sime no effort is made towards le paration; on the contrary the integerment till further alcerates, and the infiltrated tissue

he planted the first and the flash is de-

beneath stile ooses away. The surface has no granulations, and is of dirty gray hue, her love ded by this discolored Skin, underwined uiverted, and floating loosely on the hebjacat parts. After a true, some parts of the infil taled tistue have been cleared away by dis integration or doughing, and grantations begin to appear: but they are weath, tale, pole, and epuberant. The system, originally in a bas that is worse now, bywhathering much with the local disorder, and usually evening have or less intersely the order any him of constitu. twial writetin: at first, during the in flammatory and topening her cus there may have been an effort boward tyupethy of a thereis Kind; irritative fever, however, is hore likely to occur them the wiflam. and the ultimate result is usually a heatic.

Such tones, it left to themselves, town funes this over, at least in part; imperfect electrones of the heberculated teeture having probably been effected by either atcention or Houghing, or by toth. But his cicatring is very unstable, and cutain to break open at no very distant seried, disclosing a state of matters beneath, such in the slightest degree amended. It is blue, toth, thoopy, and elevated:

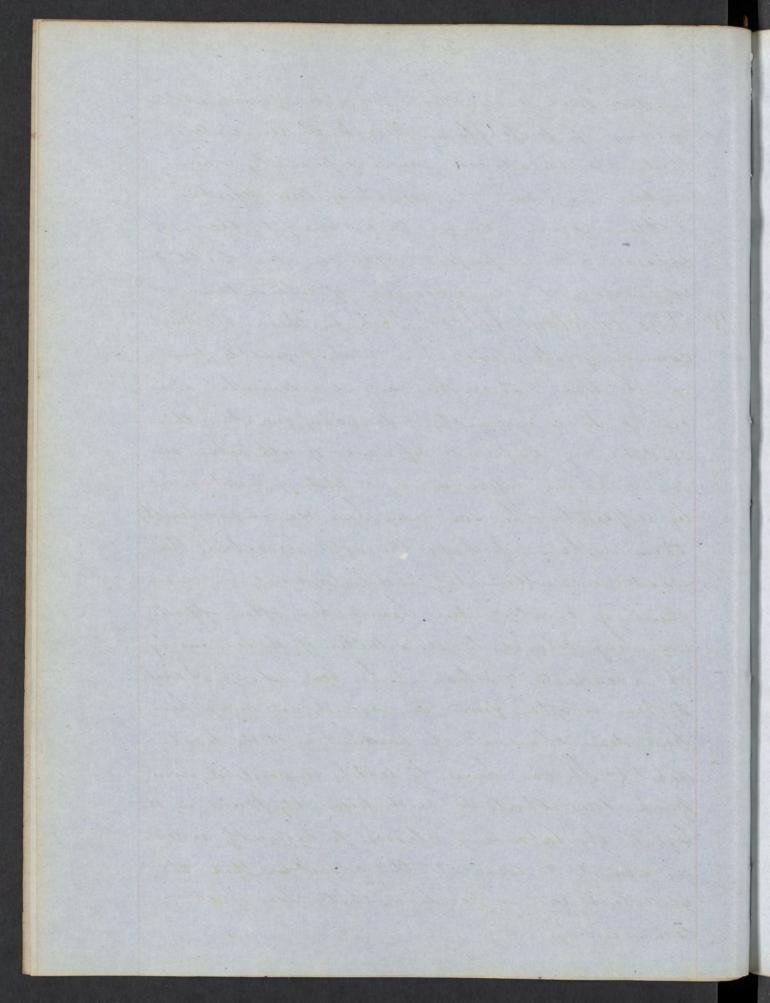
whereas the true cicetring is white, firm, and depressed.

Theat Ment. It med handly be told to you that the sure without and part of this is conthis to the sinal: attacking not one hymptom of the disease; the fore; but the disease itself, the scroppla. The general management of knoppla you with learn in fall from the Professor of the Theory and Practice of Physic, swore in netenso, than the limits of them lectures with allow.

The local management requires to be energetic, and at fish Levere. Medicates loteris, orthurs portices, with prove wholy emarading in this class of tore. There is an ausome foundation for the reparative process, and that much be cleared away. The potensa fusa, in labotance, is viscoted body with the in filtreted cellular tissue; of the integements have not already given way, they with leadily guild before this; and then it is feely moves in verevi, directions, how to destroy thoroughly not only the celluler tistue when Arberenlated, but also the integenments when this, blue, underwied, and obviously incape ble of recovery. Meer after alor is thus heated until not only is each cleared of the dead and dying testures, but the burrowing witer-comma mication are also freely reposed, and Smitally

free from their cours parts. This, in huth a painful, but an effectual process, and thouse be done deterministy - Rapidly get camply; and it is better to overtake the while about, than to temporize with hartial instalments. The horrown ding parts deving the operation are few sected by oil, and afternous oil is feely applied & the part, to allay pain, and her ent the un due extension of the process. Dark bloody dis Charge voses out during the application, this is to be carefuly where away. After hich discharge has ceased, the whole part is covered with a portice, and this dressing is continued until the Morgh her deparated, disclosing a healthy, grain lating hufe a beneath - form led, vasular, and Secretive: then the water dressing is resumed, do the weal management afterwards anducted as for the fish class of fore, with which the original affection, has been in fach converted. After cceativiation it is to maintenance of general headment that we must look for prevention of relapse: along with uniform support affor ded & the part, more expecially when this is in the lower luib. Bandaguig - or Still better a laced stocking, with its apper part here lovely applies than the brown, in order to ob viate conjection from venous obstruction. is

under buch circumstances a most valueble means of hwplagis. And he it remembere, that ale cicatrices, more especially when entersine, and the result of the defective in action, require much care, being by leason of recent and uniperfect organism very little to be undone by re-cecesion of wheration. IV The Indolant Illcor Perhaps this is the mort common of all aleus: it is more frequently found on the lower cutremities, and at a somewhat advan cer ax. It is invariably of Sewaday formation; this condition of conforme deficiency of both action and power having hepewones on a state of matters, wide les different. The Love may have been at pist healthy, then in flames, perhaps thereafter irritable, then weak, and alteriately widolet! merely in course quence of cicatronation having been often opposed and long delayed, by the Lituation of the Love, and by the accidents to which it has been exposed . A weath hysten is often four co-existent, and may have had some than in the production of the local debilit. It can hence, be leadily understood how much tores that he most pregnently forms in the legs of the labouring classes: to prequestly indeed, as about to warrant the assertion that the indolent too is peculiar, that class of the community.



As herface is smooth and glossy, and of a hale asky colors like a sum cons membrane. Some Aries, however, it displays a cope of weak, from your grandations. The edges are think, saised, white and inscentible: the discharge scanby and thin. There where are offen thating for a great length of time: but, from any slight can great length of time: but, from any slight can or sloughing: and even when they have made con siderable propers in healing, the granulations and cicatorices that have been monthed in forming hay herish in a few hours from some constitutional distribution or local injuy.

by a variety of the indolat class, in which the law surface, by season of long persistence, has been thoroughly, converted into a rescubbance of summers tissue pale, sed. Smooth, and villous; shining, as if warrished; with a limpid, quasi summers discharge. The atmost. The general sules are, to promete constitutional vigour by good such and somis, and to existe the local actions by saveris strainlands. The patient should take moderate exercise: but the patient should take moderate exercise: but the mitted to have sown. In heating the cases, we sent most of the land sown. In heating the cases, we somether it permanent: and this came be wisuned.

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only by attending to the growth of the granulating, and as frime or healthy and as frime or honotle.

When an alcer of this description, in an in flues datate comes under your notice, the patient is to be put to bed, and a portice ap phia & the tre are its vicinity: The toque with be found heavily coated, with other plain indi cations of great derangement in the prime vise: an active purpe, repeated if necessary, is therefore highly expedicit. Son diet is enjoined; and of this, with the action on the bouch be not quite equal to aleay the inflammatory fever, which is likely to be more or less developed, antimony may also be us his ited. Thus in a few, to use an ordi many expression, the some becomes cleanse; that is the slough, having become completed, reparates by alceration: the vascular action whide from the supportine and ularative grade, remaining in a more heldred, but yet walked form, favourable toplastic effort; and carequesty, on detachurch of the storgh, a healthy surface is usually from beneath, demanding the mode of heathert duita ble to the healthy wheer.

When the some is presented to you in the single, windslich thate, live modes of heatment are offered for your delection. The first, is, in which aline

The second of th

of Nature, to endeavour by thindation to widow the wiflam metons process: the Lecons, is, to undo the horrorming clasation, and charge the huface wito a granulating love.

A blister with sometwies fulfil the fint in dication admirably; the only objection to it, being a chance of inducing too high a grade of acting and of inducing a worse dieen, vy, erysipelas; or tour pieces of list, laterated with the within acid lotion, or Line lation, or with true other Administring Inbot and thout be applied. Then Strips of adherine planter about 1/2 wiches wike, thout he applied 2/3 around the lind, from an wich below the when to an wich above it: and, in applying each thick. the edges of the fore should be drawn to gether with a moderate degree of force. Nech a comprey of toft line must be laid over the place, and finally the buil must be well and evenly bandaged from the loes to the Ruce: observing that the bandage is & be applied most tightly below, and more lovely by defrees as it as cents.

The following Alan recommended by che. Baynton, is often found very advantageous, and is therefore worthy of being witroduced to your whice the advises as " to encarde the whole circumference of the limb with this of planter, from an wich below to an wich above the where their lack this is

the buil which is opposite the above, and then the how ends are to be trought forward overith, and they bloomed be long enough to overlap about two withers. I comprise our bundage are to be applied after wards. Here mudes of dressing about always come bever pain - but it ought form to betride, and the part feel though and more confortable afterwards. If, however, it continue to be painful and tot, some have water though be poured on the bandage.

Men be deleted with toop plater - or the issinglass planter man, be restituted. This is made by dis to being is winglass in thirty of wines and Spreading the solution or Lilk. It readily where it moistened with a warm sprouge.

But altho' the platering and bandaping are adapted for much cases, the inemerate capple cation to the ulcer wile require to be pregnath, varied. Sometwies the straffing many be applied without any thing else; or dry but may be placed under it; or luit windred with lotters of suffit. If copper, or of alum; or with lotters, much by adding half an owner of the twick of mysel, or of the coups twich of bewroin, or class to four owices of water; or of the bassains of copaibe or Pera; tel metallic preparations agree better in general than

He regetable. Butwers, agree better enth the in salent them with the other varieties of alar, because they do us have if ranced. The Mug. Phydrag. Mitrice Opydi, or red precipitate outtaint is very useful: and the Mug. Phydrag. hitrati, dilutum, or bothine outtwent, is lard to proness great efficacy in reducing thick callers edger. M. Haffad of hyland, be commented of their calles edger. M. Haffad of hyland, be commented their calles along to the breaked by filling up their cavity with a since form or been of one part of Vernie Supertine and form or been ware, melted, and pound in warm.

They thouse be founded with hot dewitin of prophies, to which a little spirit of wine has been added. The gastrie finice of aminals is said to be a specific for certain slonghing about occurring in persons, debilitated by the use of adult spirits and said provisions, and a residence in that climates. During any febrile distributione of the system, the local applications much be midd.

It has also been proposed to heat widolant alcus in sebilitated constitutions, by the administration of healt doves of opinion might and morning, with the view of keeping up the capillary circulation. The healing of old alces thous never be attempted, when, for example, a fore has existed for many years, almost staturary, or my varying

with obvious changes in the Lysten: tending to in flowe and entend. Auring constitutional disorder, contracting again when this butsides, yet never approaching to complete cicativiation without ile health luxuing - and this again relieved by re-es tables humb of the fore. When the jounty diatheris is through markled, and its atternations are plainty connected with the wheer's varying thate. When the patient is advanted in years has been in hot chinates, or her bean what is usually called a fee liver Muder there circumstances, we do not that of drying of the fore - which may be traly worked whom, somewhat as a safety value to the Lys tem - but content ourselves with the application of some Lumple and boothing dresting; leaving Wheh may be termed the etting and flowing of the elevation process entirely in the haurs of Nature: our dressing tending only towards confort and portection.

Some sores may be heated with defety, but only when an isten for some their highlies their place, as a draw in the general economy. A sore decreting anotantly a coursiderable quantity, of pur, many house swinted for years in the limb of an elderly patrick. No preduct bergeon would lever think of drying that up hiddenly by cica toraction — even had he it in his bound to do tor

mention in an army dark down to me has the son

without leaving love hits titute in its room, as a Leton or istue in some convenient part, at least for a time. For the hadden curation of puralent discharge to which the Lysten has long been habituched, would be certain & occasion a plethorn: thus, in its turn inducing determina trois of blood to certain parts; and thus larving dam ger to the infurtant internal organs would account, by hemorrhege, Janguineous in fistration, or estab lishment of the inflammatory process. Apopletic Levine is especially hisbeth under het circum Hower. Jeh doubters, the continuouse of hich a for is not only a considerable in convenience, but likewise has a debititating effect on the general Lysten, and consequently tends to the induction of diseases to where accession ensti totained debility is favorable; its closure its is therefore desirable. And thoute home of the unpropotions circumstances before stated wist, make closure may be dafely lungh corder Aed in the or dinary way: taking care, how ever, to establish an istue in tome convenent and adjulent that, Ir door as the discharge begins materially to lessen. This artificial drain is tefet in pole ofen troi for tome time - and them, by gradually driving the bill of the foreign body by where presence healing is prevented and discharge

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manifacined, the hystern is so gradually subser ted & the diminution of the weste, that its ultimate cellation is ocarcely appreciated. Irritable Ulcer. This is a variety of the in fland, as is described by de & Skey, as having an excess of organising action, with a deficiency of organisable material: to that the granteting are too Small, and are morbibly Sensitive and vasuater. It is usually of Secondary occurrence; and the refull of accident, of mulaprasis, or of a depravio State of the Lysten. It is about wiveriably before ficial, not penetristing deeper than the true Min; and this may hartly account for the prech len dibility- of the Love. The dupace is imaged, deeper at some points than other; it is ovid of graun lation; and either of an angry, darkned fleshy hue, or corose with a gray ish film of tenacions aplantic fibrin: Sometimes this covering only partially wirests the hurface, which then shows both the red and gray appearances. The edges are thing derrated, and everted; of a sell dupy hue, and fourtimes studded with brightly florid points as of of anterial blood, The him Counding Min is dlightly hooller, and also of a dule red color, being in a state of passive con gertion; or perhaps, not get recovered, pour the chronic in flammatory process. The discharge is

all being printer that when it with his plane

thin, acrid, bloody often might with which matter with we cently effered, or from disin Aegretion of the old. Vain is contant, always considerable, often excessive: the Slighterh with ference with the acutely sensible huface is fol lower by whense burning pain, and by a copions flow of blood, usually of a dark grumous charac Her. Generally an irritable thate of Lysten precedes and accompanies this state of the part: but were when he wich prediposition weist, that mortid Condition of hysten is almost certain to occur. an example of constitutional wideres by local virilation. And along with the ordinary Lymptoms of the constitutional form. more especially rest lessness, went of Sleeps loss of appetite, emaciatin general disorder of Lecretion. there is offen a Remarkable previshers of temper combined.

This third of the is liable to occur any where; more expecially of it follow or emption, as it very frequently does! but its most pregnent local five is or the lower limb, as on the thir, and near or over the author. It is not unletted to has into the next class of alcer: an example of what is not infugrent - in itation is during enflammation.

The treatment is partly, and sometimes mainly constitutional: the predishoring, if not the

William Land of the frame the character There is the said of the said the said of the said The same is the fill the sale of the first of the same of the same

exciting cause is in many cases to be found in the Lysten, and must be opposed by the suitable demedies: with this weis, we are never to overlook the condition of the prime vise, and of the general decretions. In other respects, the treatment distable to constitutural irritation is maintained, along with the local management. The most becausel plan, generally specking, is the application of a Accession of mill Atimulants, to as to after the action and enchant the irritability of the part. Weak lating of within acid, of what of silver fly to gil, of assenie, of helphate of Line, of corro nie Athirate, of chloride of toda, of acetate of Line, of cadine, black wash, yellow work, when tions of sulphate of vion, forge water, that is, water in which restat our has been extriguished, Strong green tea, powdered chalk or charcoal mind with cream, oitments of Peruvian balsam, of chalk, orride of Line, lead, and Calainine; weak mercurial outments, bui winesh of My. Hy In hitrat. moderate pressure with this of took planter, or of trien thread with book create, or with a smooth piece of theet lead; with be occasionally found of her vice in the cure of obstante and orretable when. For it-very often happens that an application which at first soother the hair, with for love itgood effections then know postwely hutful.

demand and the second second and the second He carried the some and her year Some the first the second of t from your that are of a sun server we want the day charles over the of steer the to have the increase when he The state of the s

Inflamed Meer. This presents the ordinary characters of advancing alcereting with account panying inflam. action: and, is the most com it is of the junior accurace, for over thin latin is not unlikely & happen in the treatment of ulcer of a healthy, or ever of a Shippinh Kind. The law duface is gradually disintegrating; and wisteed of contracting, Heddity enlayer; Thousing no granulations, but a doft, raw, pulpy substance, and emitting a profuse deformed pers, simpled with the wheretwee debris. The margins are doole, red, that, tenn and pain ful; and do is the horroweding integer cut The erech porture, and motion increase the pains the system is more or less unolved in februte dis Surbance of the explanmatory type: and the prime vise are usually formed in marked disorder. Not infrequently the action running high, while local bower is weak, sloughing takes place, more or less entensively: as always noticed in regard to wiflam. Inhervening on the Indolent variety of Low.

is very plethoric and thoug, it may be referrent to blee, and to administer calonel, autimory, and opinin, tile the month is slightly affected.

be all cases the bounds shoute be cleare, the Secretions Rept up, and the deel regulated Set not, how ever, the aut ofshlogisties, even when motivates be continued one moment longer than is absolutely necessary, otherwise defeneration into the week And is speedy and certain: let it be clevays remen bered, that a part once truly cuflamed, is ever after defective in witch power. The patient Show to Keep at rest, with the affected member in an elevated porture. De cher may be applied in the vicinity of the tore; but not too hear it, and not to any place where the Min is much thi Nenes and congested, lest the leed tiles then delves take on whentur. The part shorts be for menter might and morning for half an hour with poppy for entations, and then a poultice or the water dressing may be applied _ and if the pain be very severe, the porthice many be muis cated with opium, consim, belea donne, hyoreya mus etc, cantinists applied. If the when dimi wish under there applications, but yet its hu face lemain fout, they may be entirentile it is heated: but if the huface become healthy it may be treated as an ordinary alar. Of warm applications aggravate the pain, cold evaporating or Naturnine lations shoul be used, the tore being protected by a piece of

Supplied the state of the state The market is not a surprise the hard for the graph of the second of the second of the second of the and the second s

oiled filk or simple dressing.

If all there soothing measures prome in effectival, as they occas windly with, even that aided by the most pidicions constitutional heatment, recourse must be had to the treat much detailed when discoursing of initable alcers.

The Stoughing Illcer is forme wheneverthe of the other varieties of aler is attacked with stoughing - which is particularly liable to occur to the Indolute form, when helpicted to under writation. Or this name many be given to where originales produced by a Stoughing of the Min - as in the legs of the Mossical.

The best applications are warm former factions of dewetion of proffy, to which a little spirit has been edded; and stringly poul tries of years or carrots; or the nitrie acid lotion on his, with a warm poutries over it. The Phagedownic Mcer. This is a pearlies raisety of wherether extremely repeated in the progress. Two forms occur the acute and the chronic.

The acute is usually a fore of inequalent form: with mayour about to and somewhat and somewhat to some distance around, the deat of active vasualer

The state of the s

action, are sed and slightly swoln. The Sen dation is of a sharp burning heat. The saw hurface is of a brownish hue, totally word of any thing like granulations, of uneven defth, and in many places presenting the appearance as it graned by the tooth of a heale armial. The Lighten suffers severely, and the form of disorder is that of constitutional irribation.

The chronic variety is less painfullers enflame, less repied, dasker in hue, with the grawe appearance usually more distinct, con money surrounded by considerable wideration, and offen spreading at one aspect, while slowly cicativing at the officite; without the constitutional disturbance is less severe.

This Object may be widnes by extraordinary local irritation, or by some pear lier constitutional disorder. It may attack pri may or sear day benereal trees in consequence of fitth, intemperance, the above of hierary; or of a weakenes, and vitiated or sereptons habit, or of true peculiarity in the venereal vives. Sometimes it appears in the throat after scarletine, it appears in the throat after scarletine, it appears in the throat after scarletine, it may attack a thistered affect when the constitution has greatly suffered from an acute and echasting disease

Contain is of a comment of the fair MEDINE SELECTION OF THE SECRETARY as measles ite. sometimes it affects the gentrale and month of chitaren, constituting cancrum oris, gampenopois, etc. — Sloughing Phagedana. or Hospital Crangrene.

this gentlemen, is a disease which much fortunately bor us, is of excessive land, in this country, and therefore the account I shale frie you of it, is drawn necessant, chiefly from from foreign authorities. It Leens, Jays de" Lawrence, & be the State of phagedone carried & It fullest extent; or rother aprocess in termedicte between common alceration and gaugene. Its causes are I'm great local irrita fin combined with a vitiated state of the constitution. 2. Contagion. that is, the application of poisonous matter to a worm; and 3. Sufection that is the reception of poisonous miasuctor with the blood. We shall first describe it as it occurs sporadically in private practice, when it is called Slonghing phasedona: and nively of thole more dering visibations that decimate the patients in crowded maral or military hopi tals, whence it derives its other name, hospital gargrene. he civil hospitals any derior, attack of horpital gaugeene is about wheat of. Get, it occasionaly threatens & appear . If this you

distributed the second of the second of the second different the 20 will a with their the of the chestion in matter 8 a come and I headen the designer deriver in the thing that the in the the Characterist for Carely hay had day throng with

you with find, bour examples, in the Sections of che distru, in the Lordon Lancel for 1845. In the cases seen in cost practice the disease is multy Leated in or near the genital organs: in the clift of the nates, in the grown, or at the upper and cimer back of the thigh. It offer, but for four invariably infervenes on syphititic alcers; especially in prostitutes who have been exposed to cold and wet, and priation of which food, and the abuse of ardent thinks. It is especially liable to be in duced by the too feel administration of morany, or by interreperance and exposure touch during a horcurial course. The worst cases however, appear to arise from nighted local diritation without any specific vivus; as from and dis charges, and want of cleanliness. M. Lawrence mentions the case of a young woman who has before from Lever truck pop, and from diarrhose after it. The continual misture from the rectum, with a mucous discharge from the vagina, irrita teo and inflame the Skin of the neter, and caused a large Houghing phasedomic excer-Fin on both hides.

It usually commences as a highly in nitable and painful toil, hurrounded by a halo of durky led wiflammation, and hunch

the steam - there is early in a to the court will be and land the of held and and the street of what commence the contract of the second second the second the former in large they from his fit their continue action to some seems of the transmister

elevated; the patient also in general having mucous discharges from the vapina, and a dif Jused reduces of integements in the vicinity of the Judenda. There are Denere darting and Atriging pains: which are at first intermittent but gradually establish themselves as a contact typepton, with occasional excestations. The the purtule is suftered! the expose hurface of the alcer displays a thatum of ash tent than colores flucculi, mottled with dan Ker points of reddish brown and gray. The love they forme over enlayer in hear the and depth: the edges become eserted, and attended with a circumsended the Mening, which is dur Come de 2 by den ky wife. and diffused puffy buelling. The durfere is confuses of grey or ash Colores stought, which may become brown, or may resemble coagula of blood. The discharge is reddish hown, and seculiarly focked, and there is occa Livially Levere homowhage. Meanwhite the aforizing pain, the homomhage, and the absorption of putrid matters, took induce Levere irritative fever where in by loss of theiler amsiety, text lensers and thist, which, with an echanshing diarrhace produce death in about these weels; aw, as deliverin is race, the patrents retains a miserable conscious new of Levere Rufferring

in the distribution the color of the color of the color person of the time and lay love of their morning to the

tile the end. The disease is highly contagions, but it affects to be a local disease, and both the constitutional and local Lymptons men be removed by measures which distroy the acrid Lecretions of the wheer.

In this affection when occurring in mand,

by crowding to gether a number of rich and wounded men; and by wintentin & cleanti been and comput, and & free ventilation, which is to accersary for carrying off the norsing maissent a always generated under those cir cumstances. It is pregnently a concounitant of dysentery or typhus, originating in the James Jources. It may affect any Kind of woines, or even a men truse.

This disease, when once generated, may either the the contact of the mortid Lecustins; or by infection that is this' the medium of its vapour or efflu triein. It may, althe norely, occur sporadically: that is may be widered in isolated cases by improper and irritating local and constitution at heatment of the wounded.

According & ile. Blackedder, in his observations on Phopedona Vangrensa (Ellist 1818/, it begins in the form of a livid vericle at the edge of a wound or fore, accompanied with an occasional pariful densation like the String of a grade Sometimes it fint appears as a Luch livid that on the dow, are hear of circumperence. In either case the disease. doon spreads, and converts the whole huface of the alcer into an ash colores or blackish slough. The discharge, it prevenisty healthy. is at first diminished in quantity and danions; but took be com, propose, and dirty gellowish or brown. According to this author, the hos pital gaugeme is at first a purely local. affection, lette the slonghing phaged one; and he Jays that the constitutional typepoons, but as by paid fever, etc. to not make their ap pearance before the third or fourth, lowetimes not till the twentrett day.

The following account by D. Heunen, in his Principles of military Jurpey, varies form what form that of her Blackedder. Let us hippole, days the former, that our wounded have been all points or well for Leveral days, when haddenly one of our most promising patients complains of Lever pain in his head and eyes,

of the state of th part to all the second and the second and the second as

a particular hightness about the forehead, loss of Hech and want of appetite! and that there feelings are accompanies with quickness of pulse, and other hypotous of fever; his wound, which has been healthy and granteting, at once becomes Armia, dry, and pariful, losing its florid color, and adduming a dry and glory coal. This is a description of the find though our Biboa hospital gangrame, and if a brisk anetic were more se hibited, a horgeon, not aware of the disease that was atout to form, would be artonished at the andivation of the dore, and the uniquel quantity of lite, and in digeited matter exacuates by comiting " If this incipient these was overlooked, the febrile hymptoms foor became aggravated; the this around the fore, addenned a higher flowed colour, which thorty became dailer, then bluist, and at last black, with a disposition to verticate; whitsh the rest of the linds betrayed a tendency to sedema. All there threatening appearances occurred within twenty four hours; and at this period, the worn, whatever might have been its original shape, boon add une the circuler form. The sore now acquired haw prominent Ragger edges, giving it a cuplibre appearance, with particular points of the lip of a dish,

difficult into to personal store the former bus the deep as water of appelled as that their Older have with the translite of leaves his war bile : set there had the free from the second to the Aux Till come dans so list das a lagra not hides at the discourse that one who to to you the first of for he said appropriately to the deposed the source of the form suggest have been Here the second second and and all the second secon

yellow hie: while the bottom of the cavity was lived with a flatby, blackish Mongh. The rapid propers and giralar form were highly Characteristic of hospital gangrene. The discharge in this dewno theye became Dark whore and fetides and the pain extremely prignant. The face of the Afferer assumed a gharty, anglins appearance; his eyes became happand, and deeply triges with bile: his trype loaded with a brown or blackish fur, his appetite suturity failed him, and his pulse was casi devely but in though, and his portionably accelerates. The third air last stage was now fact approaching. The hurface of the Done was court ant, covered with a bloody ooding; and on lifting who the edge of the flabby slough, the perte was tringed with dark colored grunous blood, with which also its track became wine dictely feller, repeated and copios venous blee Arings now came on, at length are cutery sprang, which in the attempt to because it, bush under the ligature. In cerrant retchings from came on, and with come, unalundary though, and hiceup closes the mountal Icene."

of there two military authorities that hopital gangrene may either be a local disease: being produced by local contamination of a women, and

is a pleased with a planty to class, the still trong triped projects on translar for and were boyed along the who is presented they were to the setup it will spire to see the local terms of the will be a transfer or the will be exported the section of the section and the telling and the server of first the get this popular long to sold dash when you are they fully wheat also is he the secretion in duch made all of market be the war and a shad has the second of the second s the leaves by love to the transmission of a level ward

seisting for some days before the hystem at logo is affected by it is or it may be constitutional from the first: that is, smay be introduced by the absorption of poisonous microwate into the blood; in which latter case the constitutional typetony hereals the local mischeef. In fact. The ordinary constitutional hypothous of hispital gargeer might be induced in the mores and attendants on the lick, from washing the bandages, and form fewere eneformed to noisone effection, without being followed by any local affection whetever.

The widications in the heatment of ale the forms of Houghing phagewood are. I'm to destroy the disease hurface and its tecretains, and 284 to correct the concountant contamination of the hystem.

The first widication is to be effected by means of coursties. The Heart use the actual cantery: It! Blackadder recomments the liquor assemicalis: but the following mode of using the concentrated within acia, as directed by the Melbank is preferable to either. In the first blace, the me must be thorough, cleaned and all its monthine be absorbed by hist or town of the Mongh's are very think, they was be removed by means of forcess and sinsteas. The dorrounding parts must meet be defended

the will find this is one of the patential to paralle of poor a mountain to the stary That where I have been the form from the property of the form former arrivation to transport of forms and have been for College with it is then I who then I shall be soon in the the stay the stages as surple in a so the secretarity him latter theretines seed wateries about the the personal Harris I was the second of the the low week by the first of for what he had the

with a thick bayer of outment, then thick pleaget of lint, is to be where with the acid, and & be pressed steadely or every hart of the diseased hurfere tile the latter is Couverted into a forin, dry, and viseusette hall, This application of course causes more or less pain for the moment, but when that hitrides, the hot week expresses himself free from his previous severer defervigs. The hart way be then covered with heiple dressings, and clothes wet with Cold water. "It is often necessary, always prudent" Lays Melbank" to remove the eschar at the end of Listeen or twenty hours; and then, if the patient be fee from pain, and the ulcer healthy and floria, it is to be heated with common this mulating dressing - hahas cerat calamine, or What in of rutrete of silver, or a cerate of tupen Fine which may be melted and poured in waren!" If however then be any recurrence of hair, or the least reappearance of the disease, the acid is again and again to be applied till a healthy action is restored.

Men be given to aleay the pain caused by the disease, and by the efflication of the eschestion the bowels though he opened, and the diet regulated to as to suffer the Strength without exciting

the state of the s described the state of the state of the same the practices the second of the second second and the second s phopole of the second of the second adding the matter was a select that first will heraining of the form the there to the is to de place as to the second commendation to allow in it is the second they as the to proceed the state a direct diana dia time in the interior frest textile and the second to the second the think of me we were the service of the service of belief with and and a commence of the second they and the event to the territories than consequence of the second of the second of the second delyn in it is the way in a see the thought in haleger the whole with the stay. all the second of the second of the second fiverishuess.

But, observes Hemen, it the diseese hegin with fewer of an inflammatory type, and the patient be what, and the local infl. inture, a moderate blood letting may be performe with advantage: with an emetic, purposting and the actification requires generally. Mercury for the most part is highly permiseins.

of however, the constitution at affection assume a low or typhoid type, either from the beginning or to breguently, the principal dependence is to be placed or opictes, tonics, and wine, in order to allay irritation and respect the strugth, Reep wing the bowels open by cordial lapatives. If there we have diarrhose, back with he heatful.

the spreading of this decatful affection by the freest ventiliation, by frequent ablation of the bridges of the hoth and wounded, and changes of their bed of the hoth and wounded, and changes of their bed obthers are linen - by the wistant secured of all escremants or filth - and by the most scrapplay care to wart the bandages in boiling water, if they are to be used again, and to destroy them wieneristely, if they are not. The walls that also be daily whitewarked, and the floor herfet hally sprintled with a solution of the chlorides. All the affected patricits that he wistants we

the other principal some selfer and when though the transfer of the second second can take the second with the fring from a the contract of the state of for some the second Malignat was the second saled dieser where it will be here heeplans a such has a the the sun sim life in Continuences at the Healt will the the their an per make the second of the second of the second appear on me with on all me was hard Haves been when all some war to cartain and the world will produce the time. lay distant distant or some the wiself and bear The cocon is the section of the her other william with a control constitution In appear cotten felt in a sine in trade of catelian file to the satisfies thear one is seen a finder time. disease. I see the estimated of the little habite Blag it is a sale of the the thought less the continues of the hours Mile as my met and market the miles

the others: every thing connected with them though the thoroughty cleansed, and the atmost care taken not to convey the contaguin by me can of themper or dressings, or ever by the fringers or instruments of the horgeon; in fact, town or link might well heperticle sprops, as they might be destroy a after using.

Malionant Pristale. is a contagine and very fatal disease common in Stance, but lave in England, and about withour in this country. Me commences as a little dark red that, with a thinging or pricking pain; or which there door appears a pustule or vericle seated on a how enflame base. When this is opened, it is found to contain a cloud, black as chercoal; and the stoughing repidly spread, windowing this and celle bloughing repidly spread, windowing this and celle lar distance, and sometimes the survey beneath.

The accounts given by the continental win tens of this medady are exceedingly various? but it appears certain that it is caused by infection or contagion from homes cattle, which at certain feasons are effected with a precisely timiler disease: and it further appears, that little hispital gargrens, it may commerce in two ways _____ the By general infection of the Lysten, from tes hiring air located with miasmeta from disease

Mening of the continuous of the first of the Here things many the could wanted with some former to be seen the season of the stand ostate the day to be to Last, In who it in the second of the range is the said the first which we cake the the sound to be the property of the When the said the fall is many the way Such Chief ale was and in such of the light Bit has the be the ser will a little in the started no motified in the second of the second of they had to the the start of will be their esterate to we tend on overthe who will in a said desilialy come at the tree colored to be made hade, and have held a second Played to whath history in the month is not appearing a to the soul of the first of the second hostraid dodd to but a to the wine Is day were there of the law me consequences the it appeared in their store they are to feel and butterful of tolang war as the all to see in the fines and to grade their a the specime withouter Mickey for the section or hand of the literal fail believes in the second of the by pathological hometer water a second of the second the their builty in maying it to which of and

during is; or from eating their flesh, be this case it town which is mur particularly styled behavior.

2 noty. By wouldtin of the disease fluid; and in this case the local symptoms begin before the constitutional. Se? Sawrence pris an account of a man in Seatenbelle Market, who accide takes smeared his face with tone thinking hides from South America. The part touched by the put touched by the put touched by the put hid matter very too became red, and holler, and mostified and the mortification spread over half the cheek. It is believed that flies which have alighted on the along of the discuss aminals, come, the visces, and infect other animals, come, the visces, and infect other animals, and human beings.

The constitutional hypothems and mulide appearances are those of tutied hyphus; the heatment both constitutional and local, hich as has been directed for hospital gaugene.

buch, gentlemen, are the Ment infertant Varieties of below, which I keen it necessary to present to your consideration, for more entended news of the hopich, as well as for the Many fourier ful and curving species win enter by pathologists I much take the liberty of referring you to the works then diseases, as with a few closing

the list over for an interest of all in the depot the to a serie of the section of the they should be the state of the a theory take of the the break did mant to the so it it thereon the the developed the sale was and after the water ly bus Halmat her the same a remain down has been at all the hadred rich come lote the transfer for a will regard the grain Analand the release we will a said to lines and the fact of Mora : The chan have where a commence allevan log and that we see the see the this special and of the Mark of the Me is defend the place hate his he we there is in alteria or to do do do Want acouse the form of the fel of the last the your that I do so a the man a see ecomply to the best of the standard the dought many fourther a so his different to a hind hand by the supplied to me from beal beal. and redothed without on house as here es to except the the second with a funder the latest preferred & to seed have it in them to fore the the second of the second hard will be land you tee which are in the wife wyer some ale ale con red and a so that this this happeng with and will to planter in mo Wete may yes been notioned in the pass

There proceed to the examination of one of the much eventful of the results of Sullamenation viz. Mortification

You with find that many tres on the lower extremities are accompanied, or lather Caused by, a vari we condition of the vein; aw by love, a species called the Pari who belows: her been added to the general classification. But in tette this term does not enpress any indivi dual Kina, but rather comprehens every vanily of wow : for all, or abuntale, may be attended by, and party result from, a varieure arbition of the News. The viritable is very common under meh circumstances: to is the wiflamed. The in bolant and week, especially the former, are Laid by some to be the types of the most frequent example of the variable alar. Oceas wialy the Ocrophon is found complicated with varie; we may have even the Storphing and phopedamicand in that cake propose venors hemoulege is to be enfected an funded against. Perhaps the least pregnently accompanying is the healthy fore _ as can be saids understood, when it is Remembere that varie and harrive argentin, are all but Lynony mores, and that this thate is very unfavorable to all Itheric and date Jury vascular a ctivi.

the hide tout to the colour problem to me & for Cough to me to have been some than los catrict low the in the law on in to thend, as to feed the way of opposite the to the liver from the war war company from the and they be totaline will it is the emplain affermire the historial the last bet when the West city of the planer dearly of an ill of allocard the to state of the experience when de yes all on detil days if the lend in soul THE HERE ON A COMMENTER IN THE SERVICE history has he washed to wind on as when of the difference to the test out of the state and one pote there as the a the will and in a to tend follow whether me their of attraction to which by Blonder by his his from a + their fredering au Ether here to the way of me here and the applicating process or for extended and and her throat way the ide for an playment Char, the fall as an interest on their be repail to the for ancested for always though the till i can have in the thirties the Resolo a the the many so interested the colonies loopline to to be in some a the grange dine to Edensia to return on a state with the st Bed a place of the or the to the process agreen; to heape to establish to conform they and

Ihe todgenent of foreign matter may complicate the aler, effectually huvertry cicatriration. This May have come from with ont, and consist of wood, iron, stone, obthe se by wife Air originaly causing hips, and abrees; and then by delaying contraction of the open approation, establishing the condition of leture Or it may have an internal origin; consisting of necesses bone, dead tendor, or ordinary Slough of fascia or cellular tistue: the result of upper lation, sether then or previously. Of whetever nation, and whencesoever come, the freign body is always ancenable to he one heatment-early and complete lemoral. Some little existement may follow the completion of this opice, and is the met by rest, formentation, portice, and other usual outifoldspirities: or hebridence, the grand atting his cur begins, and is worder of an der the ordinary heatment.

Heir nature, he females, for example, along mens form or the leg, or elsewhere, obviously con nocted with the menstruct secretion; becoming a ctive, enlarging and emithing a profese dis charped tomestimes clarificated white the menstruct plus is, or show he, in propers; con tracting, becoming tall, comparatively dry, and

her heefer harden et a christing the fit in Constrolle the interior color for the the convert the which collected on the or detoner. The regular to that our much a welfine when outh destricte the and will perhaps to find the and be the established by within this. a figure out the second to the fact of the second of this as, Bless core is her the Hotel disemplaced by of account, adjuin. The challes it willless on the dispose, a spale wee button a file satoh exerting Withough ope thing land do fin Box 4 of the State carries the told cayer when is on the francis the field this Newsper was a selection of the transfer of the transfer of an entitled the rade were is the wester up an a templification of the war the that at when the hat bealerd Should to the excludes in his the more other equipe to the land and walled a so will theaver their that is to sum out in the working less the the application of a chief the a six isla the firm the say one si comis the a true from the weeker with the thing in to become any may in midration that are waste the decords my war the law conditions Weller, in to fail med in thing the freshow, Cheroson Friendle on I'm Somie, The Cherica medically of place for an indication who and has to gother in the secretion of the wife the district this dies

herhaps patially cicatroring during the in hervels. Such sores, it is evident, can be attented with dafety my thus' the leteren. The functions of their organ much in the first instance be duly restored: then, and not cutil them, our attention is to be directed to the obtaining of cicatroration. The condition of Fishela or Simins, the condition of Fishela or Simins, they coesist with that of believes preceding or a ecompanying. It consists of a harrow channel line of lay a pale beauto much on a hambrane, which may or may not lead to a hipporting cavity. On old cases the harites of the tabe on offer Acuse and Lewis Cartilejuions.

I istable are produce when cooccurs are.

Out thoroughly header from the tottom, when the has been a defect in the bandaging, or in pro viding proper outlets for the discharge; or when there is tome standing caun of initation, as a ligature, or a price of dead bone, which Keeps when a discharge of pur.

The first will cation in the heathent is to lemone any town of irritation that may exist. The Lecond to pread the lodgment or matter, for which hurpore it may be perhaps necessary to make another opening. The third william is to produce addening of the water; to which the survey living of the fisheld is

prestagate a drag months weals to a deple land their letine or in the in dad the sortheath warikatuly a file; It downthe legis dear detel consisting of a few thrown a will at abid aucting the through the ten get the same of the to which have in his as the sawne is track the the June tide the the tradition is at he Robb mathe to freeder to the water as you and chand upo, by their many field, the places that we with a hartle a supply show the they for a of his to into make when the the old caying a los manches of the let of out on the there the it was a first the fifthe. the with the have been a ducker in of ducker wello Hethands in it is a porty or the willie have before a street ale of in the a line a tistured order by bade the little on the has as to windy object in when with when my wing many is no one a next to be an about of the in it is the footings Mister holy the part in nois in this will and at the hearth we say they sould not then the with when I gly lopes I in his dely the trees adiath top need in a ge has her by the trolled francisco for meday will be the second dedicate in the transfer of and in the contract of

menturally indispose. The means to be atopted are Atminulating injections, tents sme are with viritating out thements: the caustic toupies or a set our consisting of a few threats of sith, which may be passed the the fistale, and may be gradually diminished as the passage cutracts. It the Same time, the sides of the fisher though he Refit constants pressed together with compress and bandage. If there means fail, the fisher should be should be dist of the means fail, the fisher than the price of line be introduced, in order to present premetare union of the cut edger, and touche it head from the bottom.

If there have been a discussion of Suale unhealthy obscesses in a part; or it elevation have speech virigilarly in the cellular tislue, to as to beave the Shir tapped, and entensively undermined with tothers sinces, it will be advisable to distroy the whole of the parts or Miseases by the potence fire; and this with the melate the neighborring some parts, to that when the Horse leparates, a healthy hefre with be left, which may be heated by the ordinary means.

the store to him will be the to be a second of It then some some and occurrence of make Love Hees way to go in the collector bearing as & leave the stranger as solvening a sight to disting the late of the fine of Misecres by the holder produce the will the the the wheeler a diethy have water to text of the said to the

